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Red River or 90 Day Corn

This variety is highly prized by hog raisers and others needing an early corn. Red grain with white cap.

Price, \$1.50 per peck,
\$5.00 per bushel.

See page 28.

W.N. Scarff & Sons

Nursery, Fruit and Seed Farms

NEW CARLISLE, OHIO



*Progressive
Everbearing
Strawberry*

FINEST PLANTS HE EVER BOUGHT

May 9, 1918.

W. N. Scarff & Sons, New Carlisle, Ohio.

Dear Sirs:—Received Strawberry plants today. All in good shape. I must say they are the finest plants I ever bought since I have been in the business.

Yours respectfully,

WM. KELLY, Ohio.



Fall Bearing Strawberries

The Progressive Everbearing Strawberry is beyond doubt the best of the fall bearers. It begins to bear in June and continues until hard freezing weather in November. The amount of fruit it will produce is marvelous and the quality is of the finest. Berries are good size, firm and perfect beauties. A rare treat to lovers of fancy luscious fruit, easy to grow, and no garden should fail to have a good supply of Progressive. Price, per dozen, 75c; \$2.15 per 100, postpaid. By express, \$2.00 per 100; \$15.00 per 1,000.



Progressive fall bearing Strawberries gathered along with Corn and Tree fruits in the Fall, surely a triumph for the up-to-date fruit grower and home gardener. See colored plate opposite page.

Fall Bearing Strawberries

Much has been written in the past few years about Fall Bearing Strawberries. To accommodate our customers we are growing the most productive varieties and can supply good strong plants. These varieties are very productive and will bear luscious fruit until killed by frost in October. For best results keep all bloom picked off in spring and do not allow them to bear regular crop in June. Our varieties are the best and most productive for the home garden and for commercial growers.

Superb The illustration above shows the wonderful productiveness of this valuable variety. As a fall cropper, it yields fruit only on the parent plant. The berries are a rich blood-red from surface to center. As a June cropper it yields enormously on the same plants and it is the Strawberry plant that should be grown by every berry grower. It is a rare treat to go to the strawberry patch and gather luscious fruit during the months of September and October. These fall bearing sorts of strawberries, together with the St. Regis red raspberry, should be in every fruit grower's and farmer's garden, and even the city and village dweller can grow fine fruit and get plenty of good fun growing these valuable new and wonderful berries. Price, only 75c per dozen, postpaid; \$2.00 per 100; \$15.00 per 1,000.

Progressive This is also a perfect blooming variety and a good one both for home garden and for shipping. The berries are uniform in size, rich red in color and a fine flavor. It is a high yielder and will bear the same season planted. To get the best results, as with all the fall bearers, all bloom should be kept off until August 1st. Plant in good rich soil and keep down all weeds. Give thorough cultivation. Price of good strong plants, 75 cents per dozen, postpaid; \$2.00 per 100; \$15.00 per 1,000.



Superb Fall Bearing Strawberries (From photograph reduced two-thirds). 100 Plants of Progressive or Superb Fall Bearers will provide for a large family the choicest luscious berries from June until November. You can make no better investment.



CHARLES I. for Big Profits

The Earliest Strawberry Grown

The big profits in Strawberry growing are generally made at the start of the season before the market is overstocked.

CHARLES I. ripens nearly a week before Michels Early and is very productive, yielding more quarts of large, fine looking berries than any other variety.

It is not often that you find so many good points in a single berry as in Charles I. No doubt this will become the leading early berry as it has been thoroughly tested out on the extensive berry fields of Michigan, where it originated five years ago. Our stock is fine and true to name. Price, 50 cents per dozen, postpaid; \$1.00 per 100, by express; \$6.00 per 1,000.

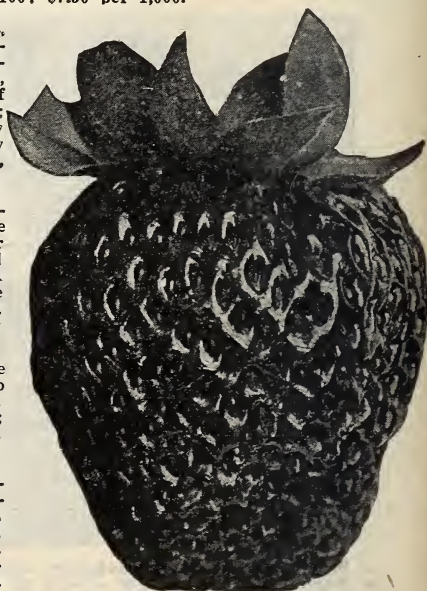
Gibson This is a Michigan berry with a record of 640 cases from an acre. It is a perfect blooming variety, strong grower, healthy foliage. It is midseason, about the same as Dunlap. Fruit stems are large and strong and is held up well from the ground. The foliage is strong and amply protects the fruit. The berry is a rich red color, being red to the core, which makes it a valuable berry for preserving. It is a large berry, being regular in form and continues good size until the very last picking. We have successfully grown the Gibson for several years and find it one of our leading commercial varieties. Price, 50c per dozen, postpaid; \$1.00 per 100; \$7.50 per 1,000.

Fendall (Imp.) Its claims by the originator: First, great vigor of plant. Second, large size and delicious flavor. Third, length of bearing season. Fourth, wonderful productiveness. Fifth, splendid root system. Sixth, beauty and symmetry of form. Seventh, yielded at the rate of 525 bushels per acre. Fendall is a good grower on our ground; produces very large fruit early and continues through a very long period. The plants make a clean, healthy growth, plenty of runners and is a desirable fruit. Price, \$1.00 per dozen, postpaid; \$1.25 per 100; \$10.00 per 1,000, by express.

Sample Large size and fine quality, quite firm; continues a long time in fruit. The berries are large to the last. For the market men it is the best strawberry ever grown. It will yield as many berries as Haverland, and will average as large as Bubach. Colors all over at once. A berry that will do what is claimed for it. It is the best one found yet. There is no weak spot in it. Foliage perfect. "Needs no petting." Price, 50c per dozen; \$1.00 per hundred; \$7.50 per thousand.

Wm. Belt This variety is largely planted in some sections, while in others it is inclined to rust. It is a fancy variety and always brings fancy prices. It is quite productive, berries very large, roundish conical; color a bright, glossy red, and the flavor good. Mid-season. Price, 50c per dozen; \$1.00 per 100; \$7.50 per 1,000.

Pocomoke Generally known as one of the best varieties, not only for its enormous productiveness, but on account of its beauty, adaptability to all soils, its foliage, enduring the dry, hot weather, its large size, its deep color, its firmness and high flavor. The plant is a strong, robust grower, with deep roots and lots of them. Perfect blossoms, and an enormous yield of large red berries. It ripens evenly and is one of the best shippers. Price, 50c per dozen, postpaid; \$1.00 per 100; \$7.50 per 1,000.



Gibson.



The Chesapeake

This variety originated in the East and is highly praised by growers everywhere. In fact, we do not know of any new variety that has met with greater favor among commercial growers and amateurs.

It is acknowledged to be one of the finest flavored berries of the strawberry family and if quality is considered, you will make no mistake in planting largely of Chesapeake. Quality, however, is but one of its good traits, for it is one of the largest and most prolific varieties grown.

The color is a dark red, resembling the Marshall. It begins ripening a few days ahead of the Gandy and continues to bear abundantly as long as this variety, yielding, in many cases as much again as this old-time favorite.

The plant growth of the Chesapeake is strong and all that could be desired. It makes immense plants with good strong fruit buds. The leaves are large, almost round, and protect the bloom and fruit from the frost and weather. It has never been known to rust, and the foliage is particularly clean and glossy. Blooms are perfect and it is not necessary to pollinize with any other variety.

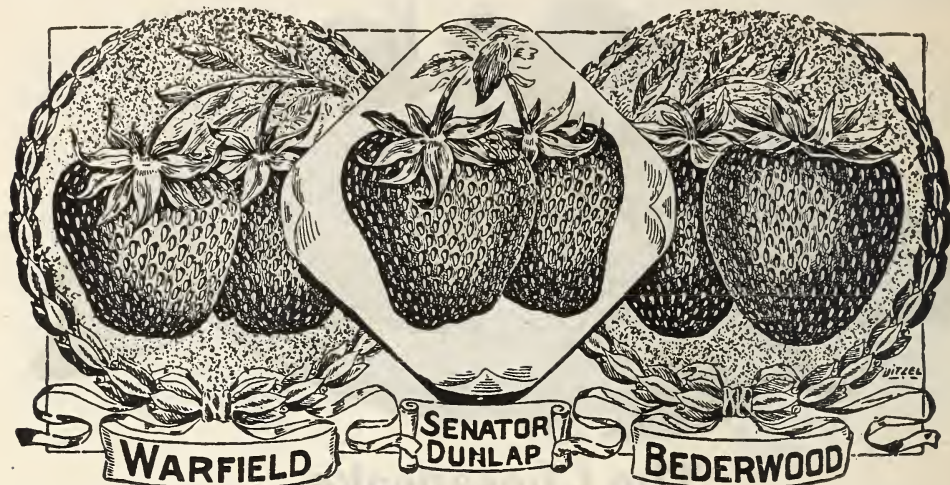
The fruit is uniformly large and well-shaped, firm enough to ship to distant markets. It colors all over nicely so there are no green tips to disfigure it. When crated ready for market it presents a very striking appearance, always brings a fancy price.

If you do not have this variety in your collection, we advise you to plant, at least, a few thousand, and you will be enthusiastic with the results. Our plants are pure, all from new beds and first-class in every respect. Price, 75c per dozen, postpaid; \$1.25 per 100; \$10.00 per thousand, by express, not prepaid.



The following is taken from the Ohio Agricultural Experiment Station Bulletin, of Wooster, Ohio:

King Edward (Per.) Large, bluntly conical, very slightly necked, regular, uniform; bright fresh crimson when fully matured, glossy and attractive. Flesh light in color, firm, fine-grained, mild, sweet, and good in flavor. Flowers perfect. First blossoms May 7; full bloom May 21. First ripe fruit June 9; period of heaviest fruiting June 15 to 23; largest single picking June 18—three and one-half quarts; last picking June 25; total yield for the season eleven and one-half quarts. Plants large, vigorous, light green in color, making a beautiful fruiting row. A very promising variety, originating in Holmes County, Ohio. Price, 75c per dozen, postage paid; \$1.25 per hundred, by express, not prepaid; \$10.00 per thousand, by express, not prepaid.



Warfield The plant is a very vigorous grower, exceedingly productive, bears picking daily. The berries are of good quality, dark color, medium size, firm, regular in size sub-acid. A very profitable berry for nearby or distant market. Season early. Price, 50c per dozen; \$1.00 per 100; \$7.50 per thousand.

Senator Dunlap (Per.) A well-tested, wonderfully productive variety, one of the safe sorts to plant everywhere and sure to take a high place among the prominent standard sorts. Plant resembles Warfield, rampant runner, should be restricted in its production of plants; fully equal to Crescent and Warfield in its ability to succeed under all circumstances. Fruit good size, regular form, beautiful bright red, glossy, firm, splendid keeper and shipper, excellent quality; one of the best for canning; ripens early and continues a long time. It promises to stand at the head in its wonderful ability to ripen a good crop under almost any condition of drought or neglect. Price, 50c per dozen; \$1.00 per 100; \$7.50 per 1,000.

Beder Wood (Per.) It ripens about three days behind Michel's Early, and a full week ahead of Crescent; gives heavy pickings from the start, and holds out until the rush of mid-season. Price, 50c per dozen; \$1.00 per 100; \$7.50 per 1,000.

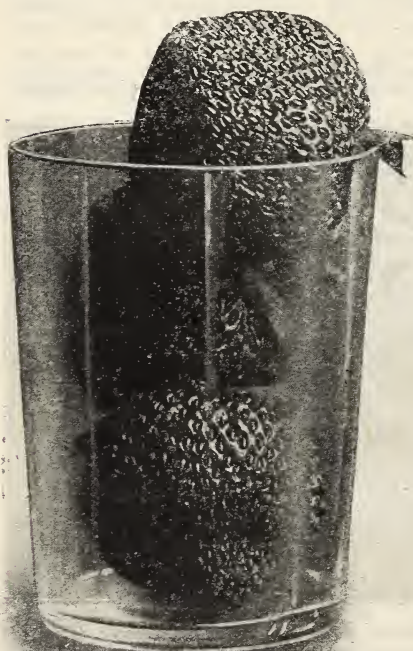
Haverland Exceedingly productive. Fruit large and fine. One of the most popular of the well-tested varieties. It will stand more frost than most any other variety, often bearing large crops when others are killed. We can always depend on a large crop. No berry will produce more fruit per acre or sell for more money. The demand for plants is always great. Price, 50c per dozen; \$1.00 per 100; \$7.50 per 1,000.

Aroma (Per.) One of the most popular late market varieties. A good plant and a good bearer of large, handsome fruit; bright red in color, uniform roundish heart-shape; firm and of good quality. Somewhat resembles Gandy in appearance. A choice variety and reliable. Price, 50c per dozen; \$1.00 per 100; \$7.50 per 1,000.

Gandy (Per.) This is one of the most reliable large, late berries that is grown. It is one of the old standard varieties that you can depend upon. The plant is a strong grower, a good plant maker. The large, handsome appearance of the fruit always commands for it a high price in market. The fruit always grows large and is one of the best shipping varieties known. In some localities the Gandy is not so productive as some varieties, but the fact that it ripens late and is of a hardy nature indicates that it will do well in any soil where other berries grow. Price, 50c per dozen; \$1.00 per 100; \$7.50 per 1,000.

Brandywine (Per.) Valuable late variety; deep red, firm, prolific. A good market sort. Price, 50c per dozen; \$1.00 per 100; \$7.50 per 1,000.

Stevens Late Champion (Per.) This variety makes an abundance of strong plants with good foliage that protects the blossoms and fruit from frost. Uniform in size; color good red, and firm enough for shipment, as it is one of the very best to hold up after picking. Its season to ripen is about the same as Gandy. Price, 50c per dozen; \$1.00 per 100; \$7.50 per 1,000.



Stevens Late Champion, wonderfully productive of large marketable berries.

SCARFF'S RASPBERRIES



Culture Raspberries will do well on any upland soil that will produce a good corn crop. Land should be thoroughly prepared and well enriched. Keep well cultivated and free from weeds and suckers. As soon as they are done bearing, cut out the old wood to give more vigor to the young canes. Plant in rows six feet apart and two and one-half feet apart in rows. Avoid wet lowlands.

WE GROW THE FINEST RASPBERRY PLANTS IN THE WORLD. OUR VARIETIES ARE THE KINDS THAT MAKE MONEY. THEY HAVE DONE IT FOR US. THEY WILL DO IT FOR YOU.

“The Scarff Raspberry”



HISTORY

The Scarff Raspberry came from a seedling that came up by the side of a Gregg plantation of one of our nearby neighbors about ten years ago. From a single plant he propagated the stock until he had growing about 100 plants. It began to attract the attention of growers by its unusual good qualities, and finally by an urgent invitation the writer was induced to visit the plantation. So many new plants have been introduced that it was with some misgivings and reluctance that we consented to go. The berry was really a grand surprise as it was just as good in every way as the grower had represented. Fortunately he had been wise enough to keep every plant on his own ground, and we purchased the entire stock and privilege of propagation and sale.

MOST PRODUCTIVE AND LARGEST OF ITS CLASS

W. N. Scarff:—The Scarff Raspberry has made the best growth of any black cap I have, and I have discovered no sign of disease. It gives promise of being one of the most productive and largest of its class.

ROSS COWEN, Ohio.

This new variety of Black Cap Raspberry has many superior qualities in its favor when compared with older sorts.

- 1st. It is the most productive of any Blackcap on the market.
- 2nd. It is perfectly hardy in any fruit growing section of the United States.
- 3rd. It is free from anthracnose and other cane diseases.
- 4th. The fruit is large, firm and attractive in appearance.
- 5th. It resists drought better than other kinds because the foliage is perfect and the canes vigorous and full of life.
- 6th. It produces 4 to 8 good, strong young canes each season for the coming crop.
- 7th. It ripens all its fruit to very ends of the canes and maintains a uniform size.
- 8th. It begins ripening a few days before Gregg and continues for a period of 14 to 18 days at a time when fruit is in best demand for canning and fancy price.
- 9th. Plants grow well, and if cared for almost a perfect stand can be secured.
- 10th. It has more good points than any other blackcap ever introduced, hence the name “Scarff.”

In size it compares with Cumberland, possibly a trifle larger. In productiveness it is far ahead of any Black Caps we grow. It is absolutely hardy. Canes free from disease and strong, upright growers. The canes are cleaner by far than any Raspberry we have ever seen and we think it will stand heat and drought better. It makes an abundance of good strong canes, hence our low price, which should induce every grower to plant several acres. We have good strong plants to offer at the following prices: \$1.00 per dozen; \$3.00 per 100; \$20.00 per 1,000.

Plum Farmer A variety from Northern New York, and a few days later than Palmer, maturing the entire crop in a very short period, making it one of the most profitable early market sorts. The berries are thick meated, firm, with a bloom similar to Gregg. Berry large and very attractive when picked ready for market. Worthy of a trial in the home garden and commercial field. Price, 50c per dozen; \$2.00 per 100; \$15.00 per 1,000.

Kansas A variety of worth. It ripens a few days after the Eureka, and is of large size. Canes quite thorny and covered with thick bluish bloom. Price 50 cents per dozen; \$2.00 per 100; \$15.00 per 1,000.

Palmer Perhaps the best of the earlier varieties. Fruit large and good size. Bush a vigorous grower, and very productive. Price, 50 cents per dozen; \$2.00 per 100; \$15.00 per 1,000.

Hoosier A new black cap of considerable value—early, hardy and prolific. Price, 50c per dozen; \$2.00 per 100; \$15.00 per 1,000.

Eureka Ripens early with Palmer; fruit firm, of large size, equaling Gregg; superior quality, free from bloom, making it very attractive in fruit box; brings the highest market price. Strong grower, very hardy, healthy foliage and in some localities stands at the head for productiveness. Price, 50 cents per dozen; \$2.00 per 100; \$15.00 per 1,000.

Earhart Everbearing Raspberry Actually bears continually from June 1st until killed by frost in September. The canes are literally loaded with fruit in all stages from bloom to ripe fruit. Creates the greatest surprise when shown at fairs and horticultural societies. Has no equal as an everbearing variety. A great novelty and a very valuable one as well. Price, 20c each; \$2.00 per dozen, mail, postpaid.

Gregg An old variety of merit too well known to need description. Price, 50 cents per dozen; \$2.00 per 100; \$15.00 per 1,000.

“Munger” for Fancy Market If you do not grow Munger your plantation is not complete and you are missing a grand opportunity to reap large profits. An acre of Munger will give astonishing results.

It is no doubt the very best of the late kinds. Fruit very large and firm, juicy and splendid for canning. Canes upright and strong growers. Fruit easily sells for 50c per bushel in advance over other blackcaps. An improvement over Gregg, which it resembles in cane and fruit. You can safely plant it for either home use or market. Price, 50c per dozen; \$2.00 per 100; \$15.00 per 1,000.

Cumberland In hardness and productiveness it is unexcelled by any other variety. In size, the fruit is simply enormous. The berries run seven-eighths and fifteen-sixteenths of an inch in diameter and are of such handsome appearance that their fruit sold for 10c per quart when other varieties were selling for 5c to 7c per quart. In spite of its unusual size, the fruit is possessed of great firmness and is thus well adapted for standing long shipments. It follows Palmer and Souhegan and precedes Gregg a short time, making it a midseason variety. The bush is exceedingly healthy and vigorous, throwing up stout, stocky canes, well adapted for supporting their loads of large fruit. It has shown itself remarkably free from the scourge of its family, anthracnose. Large growers report yields of two and three times as much per acre as Ohio under same conditions, and far ahead of other varieties. Price, 50c per dozen; \$2.00 per 100; \$15.00 per 1,000.



Black Diamond.

Black Diamond

Valuable for evaporation, canning and home consumption. One of the strongest growers, making an abundance of good, clean wood which ripens up well in the fall, thus enabling it to withstand the cold winters remarkably well. Fruit is jet black and juicy with few seeds. Season about the same as Kansas. Well worthy of a trial. Price, 50c per dozen; \$2.00 per 100; \$15.00 per 1,000.

ST. REGIS RASPBERRIES 80 DAYS FROM PLANTING

A report from A. I. Root, Medina, Ohio, as it appeared in Gleanings: "Just after I got back from Florida (I think about May 10) I sent to W. N. Scarff, New Carlisle, Ohio, 25 cents for three plants of the St. Regis Raspberry. I was induced to do this because the card declared they would bear fruit the first season. It is now July 29, or about 80 days since the little plants were put out in good ground. By the way, instead of sending me three plants for the 25 cents as advertised, I received six. They were

only a few inches long, and it was some days before the entire six really started to grow. Perhaps it was June 1 before they really got to going. Well, it has been one of my happy surprises to see them put out bloom, and now every one of the six little bushes is pretty well loaded with berries; and they are about the largest red raspberries I ever saw. I have been disappointed so many times in new things extravagantly written up that I do not know but I was beginning to lose faith. But here is a wonderful fruit right before my eyes, only 80 days from planting."

No one can doubt what Mr. Root says and we feel that every person who receives the catalog should sit down right now and order what plants he has room for.

Raspberries for four months! That's what you get when you plant St. Regis—the new everbearing variety. Moreover, they are not only raspberries, but raspberries of the very highest grade—in size, brilliant crimson color, in firmness, in flavor.

It is the first red raspberry to give ripe fruit, while it continues to produce berries without intermission until late in October.

In addition to the bright crimson color and large size of the fruit, it is so firm and rich in sugar that it will stand shipping two hundred miles, arriving at market in first-class order; and it can readily be kept in perfect condition for several days after being gathered. In brief, it is a real marvel as to size, beauty and excellence.

The St. Regis Raspberry is one of the new fruits that has really made good. It really does what is claimed for it. It is not only a good June cropper of extra fine, large berries, but it actually begins bearing again about September 1st and keeps it up right along until killed by heavy freezing in the latter part of October. Frost will not check them but it requires an actual freeze to put them out of business.

They sold readily on our markets this September and October at 30 cents to 35 cents per quart and the demand was unlimited. Market gardeners and fruit growers are making plenty of money and there is a regular scramble for plants. If you, Mr. Gardener or Fruit Grower, do not have the St. Regis then you should right now order just as many plants as you can possibly make room for. Price of good strong plants, each, 15 cents; 12 for \$1.00, postpaid; 100 for \$3.00, by express. See colored plate third cover page.

St. Regis Pleases Everyone

W. N. Scarff:—A year ago I sent for red raspberries of you, the St. Regis. I will say they are a wonderful berry, just as you claim for them.

ALBERT EISENBART, Hartford Co., Conn.

\$400.00 Per Acre

This amount is claimed by many growers of New Jersey, where it originated. Came into prominence all at once as the original growers suppressed the sale of plants as long as possible for their own individual gain by controlling the market of this valuable variety.

A Pleasing Group of Hardy Flowers

Golden Glow

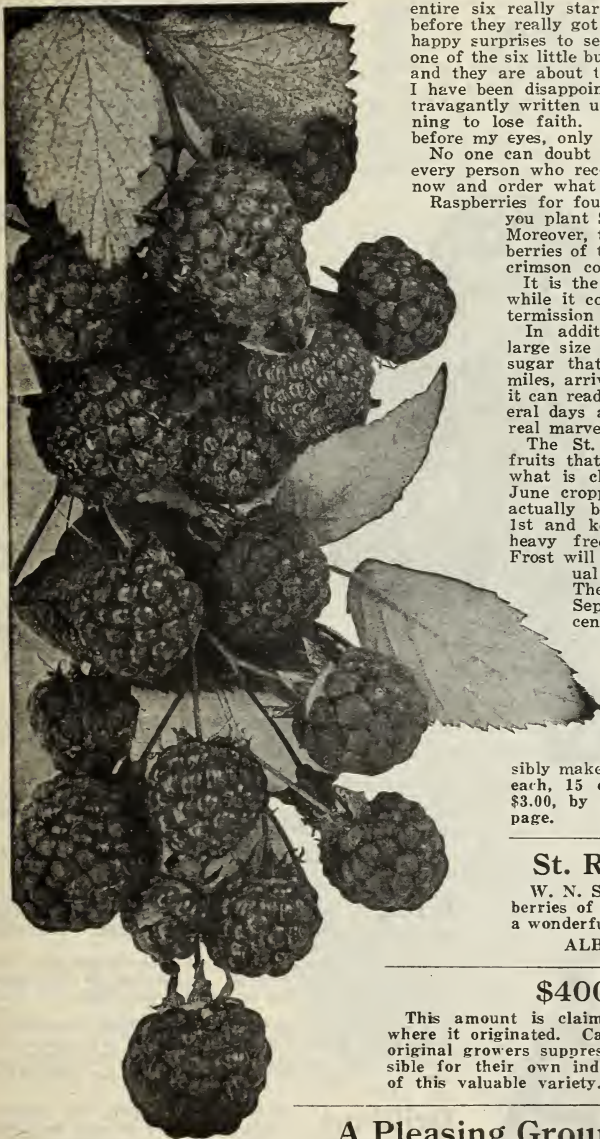
Most imposing yellow flower grown. Perfectly hardy. Blooms same season planted. 10c each; \$1.00 per dozen, postpaid; \$5.00 per 100, by express.

Iris

Splendid kinds, assorted colors. 15c each; \$1.50 per dozen, postpaid. Larger plants by express, not prepaid, same price.

Trumpet Flower

From the old garden. Flowers perfect, trumpet-shaped, bright scarlet. A rapid grower; one of the finest vines for covering old stumps, fences, trellises, etc. Blooms almost continuously through the summer. 15 cents each; \$1.50 per dozen, postpaid.



Red and Purple Raspberries

Very Profitable Sorts for City Markets and Most Productive

The New Cardinal Raspberry

This wonderful berry is a surprise in the fullness of its merits—its great growth, extreme hardness, and the exceeding productiveness of its choice purple, pure-flavored berries. It will pay. It is not a novelty, but a variety of great merit. The New Cardinal will grow ten feet, and bears in proportion. Leading horticulturists who have seen this berry say that it is one of the wonders of the century, so far exceeding all others as to put it entirely beyond comparison. Judge Wellhouse, president of Kansas State Horticultural Society, said at the meeting of the Society that the introduction of the Cardinal Raspberry would add millions to the wealth of the farmers of the country because of its inherent great vigor and exceeding productiveness. Price, 10c each; 75c per dozen; \$3.00 per 100.

Miller's Red

Very early. Berries bright red, large, and hold their size to the end of the season. Very firm, hence valuable to ship to distant market. Price, 50c per dozen; \$1.50 per 100; \$12.00 per 1,000.

Loudon

The superior points of this excellent red raspberry are vigor of growth, large fruit, beautiful rich crimson color; good quality and marvelous productiveness and hardness. Season medium to late. Price, 75c per dozen; \$3.00 per 100; \$20.00 per 1,000.



Cuthbert

A leading market variety for main crop. Price, 50c per dozen; \$2.00 per 100; \$15.00 per 1,000.

Columbian

A purple variety once very popular, but now superseded by Cardinal and Haymaker. Price, 75c per dozen; \$3.00 per 100; \$20.00 per 1,000.

Herbert Red Raspberry

Originated in Canada. It stands severe winters, even 40 degrees below zero, absolutely uninjured, and has never failed to produce a heavy crop of the most delicious fruit. It is a recognized fact that the farther north any fruit is grown, the better is its quality, and this "Child of the Northland" is no exception to this rule. The fruit is as large as the largest. It is as rich and highly flavored as the best, and by far exceeds any other kind in hardness, rugged, thrifty constitution of plant, and is very productive.

Price, good plants, 10c each; 75c per dozen; \$2.50 per 100; \$20.00 per 1,000.

Golden Queen

This variety is almost identical with Cuthbert, except in color; it being a beautiful yellow. Fruit large, productive; quality first-class. It is beyond doubt the finest and most profitable yellow berry grown. The fruit sells well on the market and is grand to display along with the red varieties. It attracts much attention. Price, 15c each; \$1.00 per dozen.

PLANT A DOZEN OR MORE NEW CARDINAL IN YOUR GARDEN. IT TIPS THE SAME AS BLACK CAPS. NO SUCKERS TO CONTEND WITH.



King

The earliest Red Raspberry on record. It is the early Red Raspberry that makes the big money; often sells for 25c per quart. You want to add this one to your collection.

"Round, medium size; light crimson colored; firm and of excellent quality. A seedling of Thompson and ripens about the same time, but large and more productive."

King is in a class by itself. Nothing compares to it in yield, beauty, firmness or size. We have a fine stock of pure plants. Order at once. Our plants are genuine. Price, 50c per dozen; \$1.50 per 100; \$12.00 per 1,000.

Brilliant

A variety surpassing in productiveness, size, color and hardness the famous Miller. Ripens its fruit earlier and faster, producing bright, glossy, brilliant red berries, handsome. Being a remarkably good shipper, reaching market in all its brilliancy and firmness, it finds ready sale at good prices. Price, 75c per dozen; \$3.00 per 100.

Note—If Raspberries are wanted sent by mail, add 15c per dozen; 40c per 100, extra for postage, except where marked postpaid.

BLACKBERRIES

We excel in growing fine Blackberry plants. Our assortment is perhaps the largest of any grower in the United States. Our plants are mostly root cuttings, and as fine as can be grown. You make no mistake in ordering your Blackberries of us, as both our price and stock are right. Our plants will make you big money.



Eldorado This is one of the most valuable varieties for market and home use. It is a strong, upright grower, moderately full of thorns. About equal in productiveness to Snyder. The fruit is jet black, never coloring red after picking, fully as large again as the average Snyder berry. The flavor is excellent, differing from all others in this respect, imparting a rich aroma, melting and juicy with but little core. Highly recommended by experiment stations and growers everywhere. It will sell for 50 cents to \$1.00 per bushel in advance of Snyder.

Eldorado is unquestionably one of the best commercial blackberries grown. The finest quality of the Blackberry family. It is not a new variety, but one of the meritorious kinds that become more popular each year. Price, \$1.00 per dozen; \$3.00 per hundred; \$25.00 per 1,000.

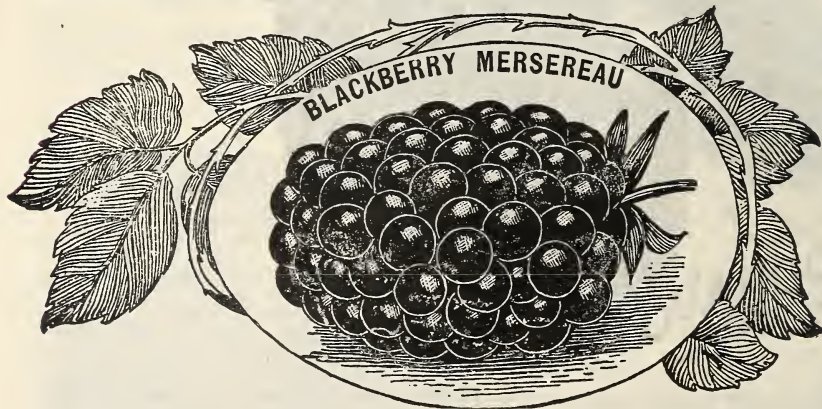


Taylor Blackberry.

15 cents each; \$1.00 per dozen, postpaid; \$3.00 per hundred; \$25.00 per thousand.

Mersereau This early, mammoth, ironclad Blackberry is by far the most valuable variety that has appeared since the advent of Wilson, over 30 years ago. It originated in Northwestern New York, where the mercury falls from 15 to 25 degrees below zero, and where it has stood in open field culture for many years without the slightest protection, never being injured in the least.

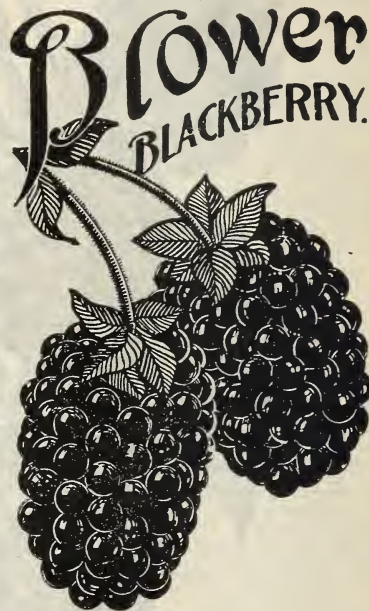
In quality, it is exceptionally sweet, rich, melting and luscious, being without core. The canes are of exceedingly strong, upright habit, attaining



Snyder One of the old favorites that is still popular wherever Blackberries are grown. It is medium size, strong grower, hardy, and wonderfully prolific. It will perhaps make more bushels per acre than any other variety grown. It should be included in every commercial collection. Price, 75 cents per dozen; \$3.00 per 100; \$20.00 per 1,000.

Taylor Berry medium size; jet black; ripens late; of much value as it comes in after main crop of Snyder, and other kinds are gone. Bush strong grower. Price, 75 cents per dozen; \$3.00 per 100; \$25.00 per 1,000.

Blower A very large Blackberry of finest flavor and jet black color. Look as large as Dew-



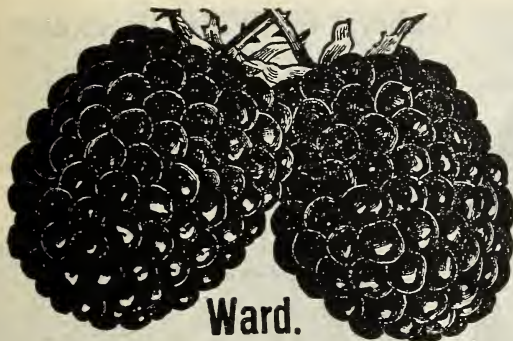
upon fairly good soil a height of 8 feet, if permitted to grow unchecked, and are so stout as to always remain erect; foliage large, deep green, abundant and entirely free from blight or rust. Its season is early to midseason, ripening with the Snyder — in advance of Kittatinny, Lawton, Taylor's Prolific, Erie, but not so early as the Early Harvest or the Wilson. A standard variety; one of the best. Price, 75 cts. per dozen; \$3.00 per 100; \$25.00 per 1,000.

"PLANTS ARE STRONGER AND HAVE MORE ROOTS"

W. N. Scarff:—I have gotten raspberry plants from two different firms, and I must say your plants are stronger and have more roots and seem to grow larger and stronger plants.

Signed,

ALLAN McDONALD, Md.



known to winter-kill. A perfect Blackberry is Ward." 100; \$25.00 per 1,000.

Rathburn The berries are large, larger than Kittatiny, of an intense jet black, very glossy, and of permanent color, never turns red, without any hard core, small seeds, extra fine quality, with a peculiarly rich aroma, and sufficiently firm to carry well to market. It is in habit of plant, however, that this variety differs from others. The plant suckers very little; it makes a strong, upright stem, from which the branches start out long and drooping, and the ends of which root readily in the ground, like Blackcap Raspberries, if covered lightly with soil. It forms a compact bush of four to five feet high, with canes much less thorny than other varieties, and yield abundantly. It ripens early—about with Wilson. All who want a large Blackberry of the highest quality should certainly try this. Price, 10 cents each; 75 cents per dozen; \$3.00 per 100; \$25.00 per 1,000.

Ohmer Originated by N. Ohmer, the veteran horticulturist, who also originated the Gregg Raspberry. Hardy, healthy, very large; ripening after others are gone, and lasting till late in August, when prices are up. Excellent quality; firm; no core. Five points will recommend this berry: Hardy, late, large, productive, and of the finest flavor; also brings 50 cents to \$1.00 more a crate than Snyder or Taylor. As large as the largest; as hardy as any other good berry; very productive; strong grower; finest quality, and late. Price, 75 cents per dozen; \$3.00 per 100; \$25.00 per 1,000.

Ancient Britton One of the best hardy varieties. Very vigorous, healthy and hardy, producing large fruit stems, loaded with good-sized berries of fine quality that carry well and bring highest price in market. For general planting for home or market in all sections subject to severe winters, the Ancient Britton is recommended as a first-class variety. Price, 75 cents per dozen; \$3.00 per 100; \$25.00 per 1,000.

Scarff's Fruiting Strain French Lawton



Selected fruiting strain from the old Lawton, once so popular among fruit growers. We have improved this variety until its fruiting capacity is simply marvelous. The berry is long, juicy, little core, large size and glossy black color. Canes very strong, upright, forming tree shaped bushes, bears so full of fruit that it should be heavily mulched or well cultivated to furnish plenty of moisture to mature the great yield of fruit it is capable of producing. Price, 75 cents per dozen; \$3.00 per 100; \$25.00 per 1,000.



Ancient Britton.

Early King An extra early and exceedingly hardy variety of great merit. Canes of strong growth, as hardy as Snyder, and very prolific. It is larger and earlier than Early Harvest, and its delicious sweetness renders it of special value for the home garden. It is also free of double blossoms, rust or other disease. It has been thoroughly tested in the North, and has given very general satisfaction. Highly recommended by the experiment stations. Growers coin money on this variety on account of its hardiness, large size and earliness. The only large early berry grown. Many dealers send out Early Harvest plants for this variety as the genuine stock is very scarce. Our plants are fine and true to name. Be sure to add it to your collection. Price, 75 cents per dozen; \$3.00 per 100; \$25.00 per 1,000.

NEW CATALOG OF LANDSCAPE GARDENING

WE HAVE ISSUED A VERY FINE CATALOG ON LANDSCAPE GARDENING AND WHAT TO PLANT. IT IS WELL WRITTEN AND FINELY ILLUSTRATED, AND WILL BE OF GREAT VALUE TO THE PLANTER AND OWNERS OF FINE ESTATES. SENT FREE TO PERSONS INTERESTED IN ORNAMENTAL PLANTING. WE ALSO GIVE FREE TO EACH CUSTOMER A BOOK ON TRANSPLANTING AND CARE OF TREES, SHRUBS, ETC. IT IS A VALUABLE TREATISE.



Iceberg, the White Blackberry

Strange as it may seem this is a real creamy white Blackberry. Mixed with the jet black ones for dessert it makes a most wonderful dish. The fruit is about the size of Snyder with few seeds and quite sweet when fully ripe. The bushes are good strong growers and very productive. This is not a worthless novelty, but a fruit of real value, and should be in every garden. Price, 10 cents each; \$1.00 per dozen.

Early Harvest 150 Bushels of "Scarff's Fruiting Strain Early Harvest" from one acre sold as high as \$4.00 per bushel. The earliest to ripen and the most productive of the early sorts. There are a number of different strains of Early Harvest Blackberries, all alike in appearance of wood and growth, but vastly different in productiveness. We noticed this peculiarity soon after its introduction, and have, by careful system of selection, selected a strain that is simply marvelous for great yields of luscious fruit. We have not only increased the productiveness, but size as well, and now have an early variety that cannot be excelled, as it ripens so early that it always sells at enormous prices. Price, Scarff's Fruiting Strain Early Harvest, \$1.00 per dozen; \$3.00 per 100; \$20.00 per 1,000.



Early Harvest Blackberries.



Lucretia Dewberry.

Premo Dewberry Much like Lucretia, but very distinct and exceedingly early, being seven to ten days ahead and all cleaned off when Lucretia is beginning. Quality and size uniform. Blossoms pistillate. Plant every fourth row Lucretia or Austin for best results. Was found in a Lucretia patch. Price, 10 cents each; 50 cents per dozen; \$2.00 per 100; \$15.00 per 1,000.

Lucretia Dewberry The berries are far larger and incomparably better than any blackberry, and of unequalled excellence; soft, sweet and luscious throughout; of brightest glossy black color. Price, 50 cents per dozen; \$2.00 per 100; \$15.00 per 1,000.

Austin Dewberry Earlier than Lucretia, same size. Price, 50 cents per dozen; \$2.00 per 100; \$15.00 per 1,000.

Book on Transplanting

This book will be mailed free to each and every customer for 1919 free of charge. Sent immediately upon receipt of order.



SCARFF CURRANT.
(See 3rd page cover).

THE SUCCESS of currant culture depends upon productiveness, size, and length of season the fruit will remain in prime condition on the bushes. The Scarff has all these strong points and if you wish to grow one of the best all-around Currants for your garden or market, you will make no mistake in planting all Scarff, for there is no better currant grown. Price, 20c each; \$2.00 per dozen; \$10.00 per 100; \$75.00 per 1,000.

Red Cross We have grown this variety for a number of years on our own Fruit Farm and find it one of the most profitable currants that we grow. It was originated by the veteran horticulturist, Jacob Moore, who counted it one of his greatest achievements. In size it is equal to Fay or Cherry and will, we are sure, yield as much again as these old favorites. The quality is good and size of berries uniform. The red clusters are large, making it very easy to pick. Our pickers easily pick three crates a day of the Red Cross. It makes abundant wood growth and is not much bothered by borers. Price, 15 cents each; \$1.50 per dozen; \$10.00 per 100.

SCARFF'S Currants

HAVE NO EQUAL
FOR PROFIT AND
PRODUCTIVENESS

No garden is complete without them. Easy to grow and sure to bear. Our list comprises only the very best in cultivation. Plant 3 x 6 feet. Use Paris Green or Hellebore for worms.

THE SCARFF

This variety we catalogued last year as the Filler Currant, but owing to an error in the first published description of this variety there resulted more or less confusion, hence our reason for changing the name to avoid future trouble. This is one of the real acquisitions in new fruits of merit.

Our attention was first called to this currant by a description of it published in the Rural New Yorker in the summer of 1907. The currant originated in Ulster County, N. Y., and has been grown there by the leading growers for a number of years. We investigated the merits of this variety and we at once purchased 2,000 plants of it. We are now fruiting it on our own fruit farm and find it an extra good one. It has never been our custom to make exorbitant claims for our own introductions, hence the description is as near correct as we can give it from the experience we have had with it.

DESCRIPTION. The season is about the same as Fay and Cherry. In size it compares favorably with the Red Cross, which places it in the large currant class. The bunches are compact and large. It is easy to pick and the foliage hangs well and protects the fruit from the sun, hence it hangs on the bushes in good condition a long time and makes it a great favorite among growers. It makes a strong growth of bush, showing it is vigorous and healthy. In productiveness it will class with the heavy bearing sorts, such as Wilder, Red Cross, and London Market.



Red Cross Currant.

PERFECTION A NEW VARIETY FROM NEW YORK

It has been awarded many valuable prizes and medals. Universally approved by the very highest authorities and should be tested everywhere, as there is big money in growing large currants.

Perfection awarded the Barry Meday. The fifty dollar gold medal of the Western New York Horticultural Society, July, 1901, after three years' trial. The first fruit to receive this grand prize. Also received highest award given for any new fruit at the Pan-American Exposition.

The Color is a beautiful bright red. Size as large or larger than the Fay, the cluster averaging longer. The size of berry is well maintained to the end of the bunch. The Perfection has a long stem from point of attachment to the bush to the first berry, making it easy to pick without crushing any of the berries.

Productiveness The Perfection is a great bearer, resembling its parent the White Grape in this respect; superior to the Fay or any large sort with which we are acquainted.

The Season of Ripening is about the same as that of the Cherry or Fay.

Quality Rich, mild, sub-acid, plenty of pulp with few seeds. Less acid and of better quality than any other large currant in cultivation. The White Grape has always been considered one of the best varieties for table use, and the effect of this strain is plainly seen in the very fine quality of Perfection.

Vigor and Healthfulness In habit of growth it is intermediate between its parent Fay and White Grape, with remarkably large, healthy foliage. Price, 25 cents each; \$2.00 per dozen; \$10.00 per 100.

North Star Has proved to be hardy wherever tried without a single exception. Single berries of that short-bunched Cherry Currant can be grown a larger size than the North Star, but the average bunches of the latter are much heavier, while in quality the fruit is less acid and more agreeable to eat out of the hand than the Cherry. In quality it is nearer the flavor of the Red Dutch than any other variety. Price, 15 cents each; \$1.50 per dozen; \$10.00 per 100.

Victoria Large; bunches long; berries bright red color, of excellent quality; bush good grower; extremely hardy. Perhaps this is the best of the older varieties of currants. Price, 15 cents each; \$1.50 per dozen; \$10.00 per 100.

White Grape The best white currant. Fruit large and sweet; bush good grower and produces large crops. Price, 15 cents each; \$1.50 per dozen; \$10.00 per 100.



A Single Branch of Pomona.

Black Naples The best black currant for all purposes, will stand most any climate; valued by some for jellies; it is very productive and hardy. Price, 15 cents each; \$1.50 per dozen; \$10.00 per 100.

Fay's Prolific Perhaps no other currant has received so much praise as the Fay. It is very large, and always sells well and at high prices. We consider it does better on heavy clay soil, well manured and thoroughly cultivated, than on lighter soils. Price, 15 cents each; \$1.50 per dozen; \$10.00 per 100. VERSAILES, CHERRY, and RED DUTCH, same price.

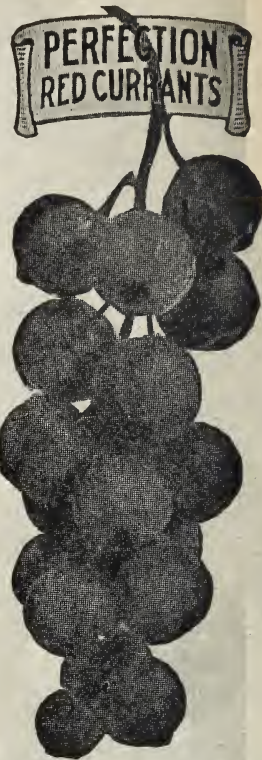
Pomona The berry is medium to large, bright red and excellent quality. It hangs on the bush a long time after ripe, and is one of the best shipping varieties. It is easiest of all varieties to pick; and has a record of making a net profit of \$461.00 per acre for three consecutive years on an acreage of 6¼ acres. This perhaps is the best record of any currant grown. Price, good strong plants, 15 cents each; \$1.50 per dozen; \$10.00 per 100.

Lees Prolific (Black). This is a fine variety and of strong growth. Price, 15 cents each; \$1.50 per dozen; \$10.00 per 100.

Booskoop Giant (Black). This famous new currant of strong growth and free bearing quality is in great demand, being especially adapted for preserving. Price, 25 cents each; \$2.00 per dozen.

London Market The home of this valuable currant is Michigan, where hundreds of acres of currants are grown for the Chicago markets. No other variety is so popular in that noted fruit section. The fruit is of good size, being larger than Victoria, Versailles, and North Star. It is enormously productive. The bush is healthy and holds its leaves until snow flies. Valuable for the home garden or commercial purposes. Price, 15 cents each; \$1.50 per dozen; \$10.00 per 100.

Wilder A remarkable variety for which we predict great popularity; both for table and market. One of the strongest growers and most productive. Bunch and berry very large, bright attractive red color, even when dead ripe; hangs on bushes in fine condition for handling as late as any known variety. Compared with the celebrated Fays, is equal in size, with longer bunch, better quality with much less acidity; ripens at same time, continues on bush much longer; fully as prolific, in some trials largely outyielding it. Price, 15 cents each; \$1.50 per dozen; \$10.00 per 100.



SCARFF'S GOOSEBERRIES



A branch of our highly prolific Gooseberries taken from a photograph, showing the marvelous fruiting capacity of our stock. The people are just awakening to the great value and profit in this long neglected fruit.

We are just now beginning to realize the immense profits in Gooseberry culture. It is really amazing to learn of the great yields from a plantation that has been properly handled. A half bushel per bush is not an uncommon yield. The Rural New Yorker has published some remarkable records from plantations in New York and Indiana. We advise you to investigate this line of fruit growing and get started at once so you can reap the big profits in the early stage of the game.

Oregon Champion By the originator it is claimed to outyield Downing to one and berries equal size. Compare with Houghton as a heavy cropper and very easy to pick. The branches are willowy and drooping. The berries are golden tint when ripe. Sweet and excellent quality. A distinct variety in fruit and growth. Price, 20 cents each; \$2.00 per dozen; \$10.00 per 100.



Oregon Champion.

Pearl This is a very desirable American variety—a cross between Houghton and one of the large English varieties. It is very hardy, entirely free from mildew, superior in size and quality and more productive than Downing, and is likely to supersede this standard sort. From the many flattering testimonials of this new berry from most of the leading horticulturists we have pleasure in recommending this variety for small or extensive planting as one of the best berries of recent introduction. Price, 15c each; \$1.50 per dozen; \$10.00 per 100.

Houghton Berries medium under ordinary care, but if thinned thoroughly in fall or spring fruit will be greatly improved. Color, pale red; tender and good; plants make a spreading growth of rather slender wood; enormously productive. Price, strong plants, 15 cents each; \$1.50 per dozen; \$10.00 per 100.

Downing A large, handsome fruit, green in color; fine flavor; immense cropper and always in demand at fancy prices. American variety, free from mildew; bush strong grower; wood thick and strong. Price, strong plants, 15 cents each; \$1.50 per dozen; \$10.00 per 100.



Josselyn.

Josselyn General favorite among fruit growers. Large size, pink color when ripe, smooth, prolific and hardy. Carefully tested everywhere and one of the most profitable to grow for market. Free from mildew in both leaf and fruit. Foliage healthy, bright and clean. Bush strong, upright grower. Price, 15c each; \$1.50 per dozen; \$10.00 per 100.

GOOSEBERRY COLLECTION

We will send one good strong plant of each of the varieties on this page postpaid for 70 cents; three plants of each kind for \$2.00, postpaid.

PEARL



SCARFF'S CHAMPION GRAPE COLLECTION

A GREAT HIT—YOU CANNOT INVEST \$1.25 BETTER

One Strong Vine of each, postpaid \$1.25

The collection consists of eight of the very finest grapes grown. Just the thing for the home garden or for covering an arbor. The eight varieties are as follows, all strong, one-year vines:

BRIGHTON (red), **WYOMING** (red), **NIAGARA** (white), **MO. DIAMOND** (white), **CONCORD** (blue), **CHAMPION** (blue), **MOORE'S EARLY** (blue), **WORDEN** (blue).

Our price is so low that every one buys them. It is the most liberal fruit offer we ever made. Send order at once. Price, one good strong one-year vine of each, postpaid, only \$1.25. If extra heavy two-year-old vines are wanted by express, we can send the collection for \$1.50, express not prepaid; or by mail, postpaid, for \$1.75 for the strong two-year vines.

CHAMPION (blue)—One of the earliest to ripen, practically free from rot or other disease, strong grower, compact bunches, quality fair, size medium. It succeeds anywhere, and is good for covering arbor. Price, 15 cents each; \$1.50 per dozen.

WYOMING (red). A popular market sort. Berry small; quality good; very productive and hardy, resembling Delaware somewhat; valuable for home use or market. Price, 15 cents; \$1.50 per dozen.

WORDEN (blue). A valuable blue grape ripening from three days to a week before Concord. Berry large, of good quality; thin skin; very productive; vine a strong grower. The most popular black grape grown today. It comes in early enough to avoid the rush of Concord, thus brings 1 to 3 cents per pound more. Price, 15c each; \$1.50 per dozen.

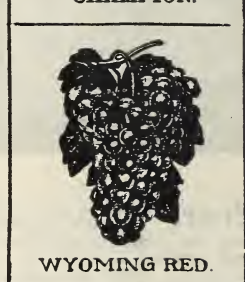
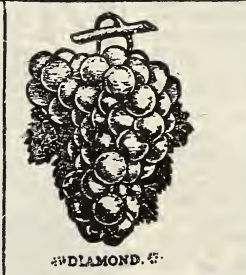
MOORE'S EARLY (blue). A large blue grape, ripening a week earlier than Concord; good grower; berries large, good quality, and makes a moderate yield, very valuable as an early grape. Price, 15 cents each; \$1.50 per dozen.

NIAGARA (white). The most popular white grape in existence. Fruit large and very productive; a good grower; ripening same season as Concord; equally good; valuable in every way. Price, 15 cents each; \$1.50 per dozen.

BRIGHTON (red). One of the best red grapes in cultivation. Bunch large and compact; a strong grower and very productive; quality good. Price, 15 cents each; \$1.50 per dozen.

CONCORD (blue). An old variety, does well wherever planted; good size; productive. Price, 10 cents each; \$1.00 per dozen.

MOORE'S DIAMOND (white). The color is a delicate greenish white, with a rich yellow tinge when ripe. Very few seeds, juicy, and almost entirely free from pulp, which makes it almost transparent. Berry size of Concord and two weeks earlier. Price, 15 cents each; \$1.50 per dozen.



Some of the Newer Varieties of Grapes

Campbell's Early	Large blue Grape. Very fine quality. Price, 25 cents each; \$2.50 per dozen.
Woodruff Red	Fine quality. Very productive and large. Price, 25 cents each; \$2.50 per dozen.
Green Mountain	Large white Grape. Few seeds. Popular table grape. Price, 25 cents each; \$2.50 per dozen.

Our Novelty Fruit Collection

Different from ordinary fruits, and should be planted by everyone loving rare specimens. They are of but little value for commercial purposes. Plant in a small way only as Novelties and they will surprise and well repay you.

Strawberry-Raspberry

Valuable for the extreme North, as the fruit is borne on the young growth, and is of course hardy in any climate. This is an entirely new fruit, both in habit of growth and form of fruit. Bushes grow 1 to 3 feet high, and are covered with red berries in the shape of strawberries. They are upright in manner of growing. Perfectly hardy, bound to become a valuable addition in the fruit line. It is very productive and a distinct novelty in small fruits. Price, 15 cents each; \$1.00 per dozen, postpaid.

Japanese Wineberry

Ornamental both in fruit and plant. Canes covered with purplish red hairs. Fruits in large clusters and each berry at first tightly enveloped by the large calyx, forming a sort of burr, which is covered with purplish-red hairs. These gradually open and turn back, exposing beautiful wine-colored fruit of medium size, rich sub-acid, retaining flavor when cooked; highly esteemed for canning, preserves, jellies, etc. Price, 20 cents each; \$2.00 per dozen, postpaid.

Improved Dwarf Juneberry

A good substitute for the large or swamp huckleberry, or whortleberry, which it resembles in appearance and quality. The fruit is borne in clusters, and is reddish-purple in color, changing to a bluish-black. In flavor it is mild, rich sub-acid; excellent as a dessert fruit or canned. The bushes are extremely hardy, enduring the cold of the far North and heat of summer without injury. When this fruit becomes better known to the public it will be very popular. It is much larger and better flavored than the Wild Juneberries. Price, 20 cents each; \$2.00 per dozen.



Japanese Wineberry.

partially shaded, as they grow wild under such conditions. Price, 20 cents each; \$2.00 per dozen.

Elderberry

This valuable fruit is becoming more popular each year. The fruit is fine for pies and to can for winter use. They may be planted anywhere about the yard, garden or field. The bush is highly ornamental and attractive when in bloom, and equally so when it is bending down with luscious fruit in early autumn. Price, 25 cents each; \$2.50 per dozen.

The Phenomenal Berry

Originated by Burbank; berries very large, of a bright crimson raspberry color; very productive. Berries in large clusters of from 5 to 10 and somewhat larger than the Loganberry, to which it has a close resemblance. Price, 50 cents each; \$5.00 per dozen.

Grimm Alfalfa Plants

We have to offer 100,000 plants of Grimm Alfalfa. This can be transplanted successfully in early spring, 12 by 12 inches apart, and it will make a wonderful growth which is highly prized for the poultry, cow, horse, and pigs. It is inoculated and will grow readily and produce more highly nutritious food than anything that can be planted. Try it for your live stock and save money you are expending on high priced grain or mill feed. Price, 25 cents per dozen; \$1.00 per 100; \$7.50 per 1,000.



Strawberry-Raspberry.

Himalaya Berry

A new freak in horticulture which has caused a great furor among fruit growers. Extravagant claims were made for it by the introducer, but with us it is a failure. We have genuine plants from the introducer and if you want to try it we will be glad to furnish you the plants, but if you expect any great thing from the Himalaya, then we say go slow. Price, 15 cents each; \$1.50 per dozen, postpaid; \$4.00 per 100.

The Logan Berry

A hybrid between the Raspberry and the Blackberry. The fruit is as large as the largest Blackberry, and is produced in immense clusters. The color is a clear, dark red. It partakes of the flavor of both the Blackberry and the Raspberry—mild, pleasant, vinous flavor, delicious and peculiar to this berry alone. Seeds small, soft and few. Berries very firm, and carry well. Strong grower; enormous bearer. Fruit ripens early, just after strawberries. Not hardy north of 40th parallel without protection. Price, 30 cents each; \$3.00 per dozen, by mail, postpaid.

Huckleberry

Many persons prize the fruit of the Huckleberry above any other for pies, and they can be grown successfully in most parts of the U. S. They love a cool, moist soil, such conditions. Price, 20 cents each; \$2.00 per dozen.



Loganberry.



BISMARCK

DWARF APPLE

BEARS ABUNDANTLY AT 2 AND 3 YEARS OLD
PLANT AT LEAST A DOZEN TREES

See other varieties of Dwarf Apples



GREAT CROPS FROM LITTLE TREES

DWARF FRUIT TREES

SOLVE THE PROBLEM OF FRUIT GROWING IN
SMALL GARDENS.

For centuries the dwarf fruits have been grown in Japan, and for many years in Europe, but only in recent years have they attracted much attention in our own country. The trees do not attain the size of standard stock, therefore are better suited for suburban plantings, where space is limited; they can be planted closely, enabling the grower to have more of them and get quick results as they begin bearing in 2 or 3 years if carefully planted and cared for.

DWARF APPLES

Dwarf Apples are grown by grafting on Paradise stocks.

Perhaps no other fruit is attracting so much attention at the present time as Dwarf Apples, especially for garden and yard planting. They can be planted 6 feet apart and do well. They begin to fruit the second or third year, and bear abundant crops. The fruit is just as large, same flavor, etc., as that borne on the standard trees. The great advantage is the early bearing of fruit. The trees never get over 6 or 8 feet high. Very profitable, bear 4 to 6 bushels per tree.

WE CAN SUPPLY THE FOLLOWING CHOICE
DWARF KINDS: BISMARCK, KING, BALDWIN,
HUBBARD'S NONESUCH, NORTHERN SPY, WAGONER, WEALTHY, MCINTOSH. TRY A DOZEN
OR MORE TREES, AND GATHER FRUIT FROM
THEM IN A VERY FEW YEARS. PRICE, 3 FOOT
TREES, 50 CENTS EACH; \$5.00 PER DOZEN.

Bismark Dwarf Apples Tree of short, stocky growth, thick, healthy foliage; makes beautiful specimens. It can be grown in pots for decorative purposes. Fruit large, handsome, yellow, sometimes shaded red cheek; flesh tender, sub-acid. Entirely new in its remarkable quality of producing crops on young trees, seldom failing to bear when two years old. Price of trees, 50c each; \$5.00 per dozen.

DWARF PEARS

May be planted 6x6 feet, and they will begin bearing in a very few years. The Dwarf Pears are grown by budding on Quince stocks.

The following varieties are particularly recommended for cultivation.

All are vigorous, and handsome growers, hardy and productive.

KOONCE
KEIFFER
SECKEL
WILDER
BARTLETT
CLAPP'S FAVORITE
DUCHESS
FLEMISH BEAUTY

Price of Dwarf Pear trees, three feet high, each, 50 cents; \$5.00 per dozen.



APPLES

Standard Size Trees

Price of extra good trees, 40 cents each; \$4.00 per dozen; \$35.00 per 100. Good trees, 3 to 4 feet, 35c each; \$3.50 per dozen; \$25.00 per 100. Mailing size, 40c each; \$4.00 per dozen, postpaid.

Winter Banana Apple This valuable new apple is a surprise to all who eat it, owing to the decided banana flavor and taste it imparts, besides it comes into bearing in two years from planting, and continues to produce full crops each succeeding year. The fruit is large, perfect in form, golden-yellow, beautifully shaded and marbled with bright crimson. Flesh lemon-yellow, creamy texture like a well-ripened fall pippin, rich, of highest quality and a good keeper—from November until May. Tree a remarkably strong grower, of ironclad hardness, with a large foliage that never blights or mildews, and produces enormous crops every year.

McINTOSH RED. Hardy Canadian Apple. Medium, nearly covered with dark red; flesh white, fine, tender, juicy. Good annual bearer. November to February.

GREENVILLE or WINTER MAIDEN BLUSH. This variety is identical with Fall Maiden Blush, except in time of ripening and keeping qualities. It being a winter apple and a splendid keeper, the value of such a variety cannot be overestimated. This fine apple was produced from seed of the Fall Maiden Blush by Jason Downing, in Darke County, Ohio, in the spring 1874. It made a vigorous growth, and at the age of seven years it bore excellent fruit, from which time it produced fruit annually. In 1888, at the age of fourteen years from seed, it yielded 15 bushels of picked apples.

FALL PIPPIN. Very large, rich flesh; creamy white; not as productive as some varieties, but desirable for its extra quality. Early autumn.

FAMEUSE. Size medium; roundish, striped with deep red on a white ground; juicy; vigorous grower. October.

Delicious Introduced in the West several years ago. No new variety has ever so quickly gained popularity in so many different apple sections of our country. Fruit large, nearly covered with brilliant dark red; flesh fine grained, crisp and melting, juicy, with a delightful aroma; of very highest quality. A splendid keeper and shipper. Tree one of the hardiest, a vigorous grower, with good foliage. A regular annual bearer.

EARLY HARVEST. Medium early; pale yellow; excellent fine flavor.

RED ASTRACHAN. Large, of crimson hue; beautiful; somewhat acid; withstands winters well; early.

SWEET BOUGH. Large, yellow, sweet, of excellent quality, and profitable as a market variety; early.

EARLY STRAWBERRY. Medium size; roundish; excellent quality; productive. Ripens in July.

YELLOW TRANSPARENT. Of a pale lemon cast; smooth skin; very good; the earliest apple to ripen and a fine market sort. Best of the early varieties. Bears very early; often fruits in the nursery row at 3 years old. Be sure to include it in your collection.

DUCHESSE OF OLDENBURG. Yellow striped with red; very good; a profitable variety on account of its productiveness. Autumn.

MAIDEN BLUSH. An extra mid-autumn variety; whitish yellow, with carmine cheeks; excellent quality.

BALDWIN. Dark red; medium to large; slightly acid. Very popular on account of its flavor and shipping qualities. Early winter.

BEN DAVIS. Very large, red striped; not extra quality, but a good yielder, and sells well in market. Early winter.

FALLWATER. Large; greenish yellow; fair quality. Keeps well and very productive. Mid-winter.

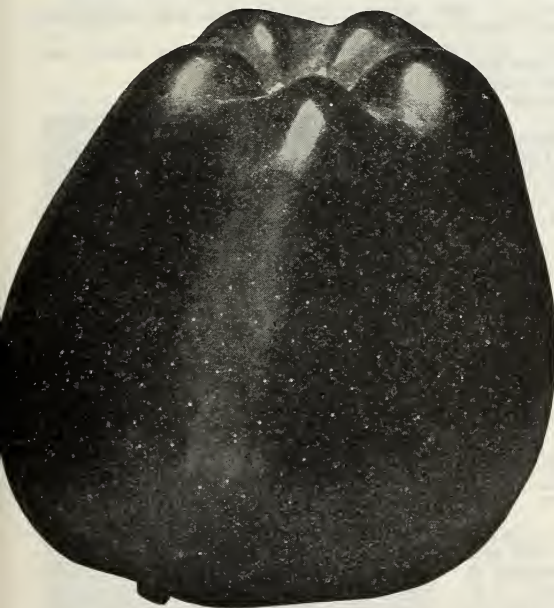
OTHER VARIETIES — Winter Rambo, Wealthy, Stark, Grimes Golden, Missouri Pippin, Wolf River, Rome Beauty, Gano, Jonathan, White Pippin, Whitesap, York Imperial.

CRAB APPLES

Varieties — Hyslop, Whitney, Transcendent, Price, 40 cents each; \$4.00 per dozen.



Winter Banana.



Delicious.



Montmorency Cherry.

Montmorency Larger than Early Richmond, about ten days later, and is probably the best and most paying variety in cultivation for market.

No better time than now to plant Cherry trees, as the demand was never better for good fruit.

STANDARD PEARS

Prices, except where noted, fine trees, 50 cents each; \$5.00 per dozen; \$40.00 per 100. Mailing size, 50 cents each; \$5.00 per dozen, postpaid.

Seckel Small, skin rich, yellowish brown when fully ripe, with deep brownish red cheek; flesh very fine grained, sweet, exceedingly juicy, melting in the mouth.

Duchesse Very large, buttery, rich, juicy, excellent. It succeeds to perfection and is the most popular market variety as a dwarf.

Koonce This pear ripens about two weeks earlier than Early Harvest. It is not quite as large as Early Harvest but of much better quality, and does not rot at the core, as Harvests often do. The fruit is straw color, with red cheek, dotted with brown dots. Tree a vigorous grower; healthy foliage; is very hardy in bud and bloom.

Wilder Early The claims of this pear are early ripening, productiveness, high quality and healthy growth; also long keeping qualities.

Bartlett Size large, with blush next the sun; quite juicy; excellent flavor; fruits when quite young. One of the most popular. July and August.

Clapp's Favorite Quite large; from green to yellow color, covered with russety specks; rich. July and August.

Vermont Beauty It is very vigorous, the leaves free from blight. It is an annual and abundant bearer. In quality the fruit approaches nearer the most delicious pear, the Seckel, than any other pear on the market. It is full-medium size, yellow, covered on the sunny side with bright crimson-red; flesh melting, rich, juicy, aromatic. Ripening with and after Seckel, though much larger in size and more attractive in appearance; it cannot fail to prove a general favorite and very valuable.

Tyson Size medium; cheek reddish-brown; melting, sweet, excellent. August.

Idaho A chance seedling and a noteworthy variety. Will withstand a temperature of 30 degrees below zero. Its size and appearance somewhat resembles the Chinese Sand Pear, but it is far superior to it for eating. It is among the best pears in cultivation. Large, handsome, small core. October.

Kieffer's Hybrid An offspring of the Sand Pear and Bartlett; a very ornamental variety, owing to its beautiful foliage. Bears very young, often fruiting in the nursery row. Fruit never rots at core. September and October.

Rossney Ripens two weeks after Bartlett; it is an excellent keeper and shipper, with tree much stronger than Kieffer. In general appearance it somewhat resembles Bartlett, but is more round. It is very seldom you can find a single variety combining so many rare qualities as this does, and we have great pleasure in offering it as the best pear on the market.

CHERRIES

A Good Commercial Cherry Orchard Pays Big Profits.

Price, fine trees, 5 to 6 feet, well-headed and good roots, 50c each; \$5.00 per dozen; \$35.00 per 100. Mailing size, 50c each; \$5.00 per dozen, postpaid.

Gov. Wood One of the best sweet cherries. Large, light red, juicy and delicious. Tree healthy and a good bearer. Early June.

Yellow Spanish

Very large, yellow and rich; a popular variety. Is of Spanish origin. Sweet.

Dyehouse In wood and fruit, it shows a percentage of both Morello and Duke. Bears early and is a sure fruiter. A week earlier than Richmond. Valuable for preserves.

Early Richmond

Dark red; medium size; very popular. A standard and time-tried variety. Early May market.



Rossney Pear.

Peach Trees

Basket of Crosby
Frost Proof
Peach.



Mayflower Peach

Practically frost-proof—it blooms very late and blossoms are very large, thus quite safe from damage by ordinary frost. Safe and sure for planters everywhere. This new peach originated in North Carolina, and is the earliest peach in existence; besides its color is perfectly red, which makes it one of the best and most profitable market sorts in existence. It is perfectly hardy, an abundant cropper, and should be in every home collection of fruit whether for the home garden or for commercial purposes. Our stock comes from the originator, and can be relied upon as being genuine and first-class in every respect. Mayflower is a cling peach. Price, good trees, 30 cents each; \$3.00 per dozen; mailing size, 25 cents each; \$2.50 per dozen.

STANDARD PEACHES

Prices, except where noted, 4 to 5 feet, good trees, 30 cents each; \$3.00 per dozen; \$25.00 per 100. Mailing size, 25 cents each; \$2.50 per dozen.

CROSBY. Valuable especially for the unusual hardiness of its fruit buds. Medium; bright yellow, with crimson splashes and stripes; very attractive; flesh bright yellow; red at the pit; juicy, rich. An abundant and regular bearer. Ripens before Crawfords Late.

CHAMPION. Originated in Illinois. Very large, specimens having measured ten inches in circumference; skin creamy white, with red cheek; very handsome; will fruit under trying conditions. August.

CRAWFORDS EARLY. One of the best early yellow peaches. Fruit large; yellow with a blush cheek; very beautiful and productive. Last of July.

ELBERTA. Quite as popular as Crawfords Early. The best peach grown.

OTHER GOOD VARIETIES—Early Canada, Crawfords Late, Elberta, Foster, Globe, Mountain Rose, Old Mixon Free, Schumacher, Steadley, Stump the World, Salway, Smock Free, Carman, and Alexander.

Plums

Prices, good trees, 50 cents each; \$5.00 per dozen; \$40.00 per 100. Mailing size, same price.

MOORE'S ARCTIC. Very hardy; a prolific bearer; dark purple; flavor fine.

NIAGARA. Large; reddish purple; green bloom, resembling Bradshaw.

SHIPPER'S PRIDE. A large blue plum; very hardy and productive; esteemed for market.

REINE CLAUDE. Bavey's Green Gage. Very large, greenish; fine flavor.

GERMAN PRUNE. A valuable plum of fair quality for dessert, but most esteemed for drying and preserving. Long-oval purple with a thick blue bloom; flesh firm and pleasant, separating from the stone. Moderate to vigorous in growth. September.

BRADSHAW. Very large fruit; dark red; flesh inclined to yellowish-green.

LOMBARD. Size medium, dark blue; sweet, good. A variety valuable for market. A great producer of fine blue plums. Most popular variety of blue plums grown.

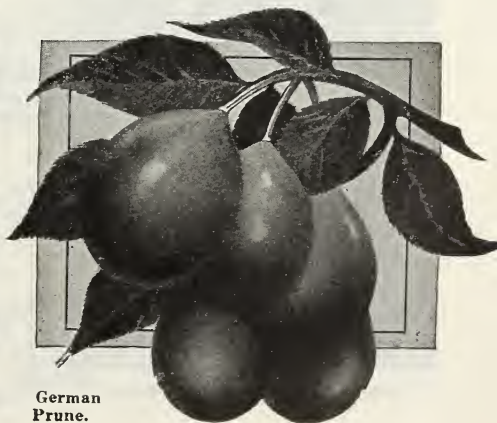
ABUNDANCE. A very early bearer, it often bears fruit in the nursery row. It bears such loads of fruit that it is often necessary to prop the limbs to keep them from breaking. Fruit large, beautiful, and of an amber color. Flesh yellow, tender, sweet.

RED JUNE. A vigorous, hardy, upright, spreading tree as productive as Abundance, with fruit equally as large. Small pit, juicy, reliable bearer.

BURBANK. It is one of the most promising of any variety of Japanese origin. Vigorous, strong branches. Fruit almost curculio-proof. A good shipper. June.

HARRIS HARDY APRICOT. The fruit is fully as large as the best Apricot grown in California, and so much better in quality as to make and hold a place in the market against the very best from California. Price, 50 cents each; \$5.00 per dozen.

NECTARINE. A very delicious, smooth skinned fruit, which thrives wherever peaches will grow. Price, 50 cents each; \$5.00 per dozen.



German
Prune.

Spirea Van Houttei

In making a house and lawn attractive there is no better shrub than the Spirea Van Houttei. It is a plant growing about five feet high, with delicate leaves and clusters of white flowers. This shrub can be used in groups or in hedges with very good effect. The Spirea Van Houttei is one of the very best hardy plants for an ornamental hedge, or for artistic groupings, and it will bear clipping into compact form, as well as any shrub. Price, for large plants, 25c each; \$2.50 per dozen; \$15.00 per 100. Lighter stock for hedging, 18 in. to 2 feet, \$15.00 per 100.

Plant at least half dozen of these beautiful white flowering shrubs about the lawn, and they will repay you a hundred fold.

SPIREA ANTHONY WATERER. Blooms from June until frost. A beautiful edging and desirable plant at the front of shrub-beries or wherever a low bush is desired. Strong, well-rooted plants, 12 to 15 inches, 25 cents each; \$2.00 per dozen.

Summer Lilac

(Butterfly Bush). This rare new flower is attracting attention everywhere by flower lovers and should be in every collection. It begins blooming early in summer and continues without check until the middle of October. The flowers are valuable for cutting for market, and have the fragrance of the old-fashioned Lilac. Price, for strong plants, 25 cents each; \$3.00 per dozen, postpaid.



Summer Lilac, or Butterfly Bush.



Spirea Van Houttei.

This makes a beautiful Hedge or Screen—Perfectly Hardy.

Syringa

(Mock Orange). Flowers large, snow-white, very popular shrub. Blooms in June. Each, 25 cents.

BARBERRY, Deutzia, Forsythia (Golden Bell), Weigela, Snowball, Viburnum (Japanese), Common Snowball, 25 cents each.

Ornamental Grasses

Beautiful for lawns and borders. Two leading varieties, Eulalia Japonica and Zebrina Variegated. Good strong clumps, 25 cents each.

RIBBON GRASS. Good strong clumps, 15 cents each; \$1.50 per dozen.

New American Mulberry

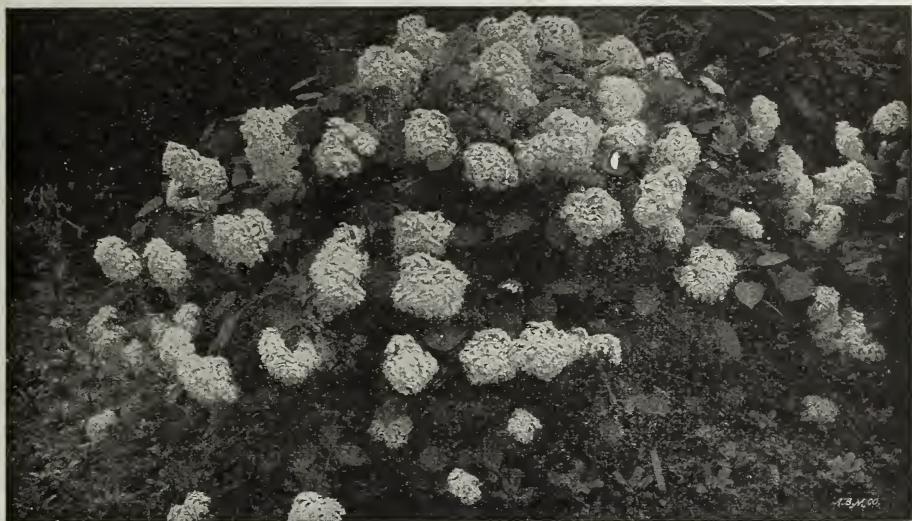
An everbearing variety ripening from middle of June until the middle of September. It forms a handsome shade tree, and is much harder than the Downing and is a heavy annual bearer of large, sweet, delicious and refreshing berries that do not have the mawkish sweetness of most varieties. Delightful for making pies, dumplings and puddings. 5 to 6 ft., 50 cents each; \$5.00 per dozen. Mailing size, postpaid, at the same price.

**DOWNING
EVERBEARING
MULBERRY
AND
RUSSIAN
MULBERRY**
Same Price.

Plant
a few
Russian
Mulberry
Trees
for the
Birds.
They will
fruit a
long time
and Birds
eat them
in
preference
to
Cherries.



American Mulberry.



Hydrangea Arborescens Sterilis, Hills of Snow.

AMERICAN "EVERBLOOMING" (Hills of Snow). This new American Hydrangea is believed to be the most beautiful hardy flowering shrub introduced during the last twenty years. The plant, which attains a height of five or six feet, with near the same breadth, is by far more graceful habit than the old form, with large trusses of beautifully formed flowers of dazzling whiteness, rendering this a plant of peerless beauty. It seems to thrive in various soils, and when fully exposed to the sun as well as in partial shade. The profusion of bloom of this new Hydrangea is very unusual. There have been counted 100 good trusses on one plant—trusses $7\frac{1}{2}$ inches in diameter. Price, 30 cents each; \$3.00 per dozen.

HYDRANGEA PANICULATA GRANDIFLORA has been very popular for thirty years or more, and millions of plants have been delivered to pleased customers the world over, and sales were never larger than at the present time. Price, strong plants, 30 cents each; \$3.00 per dozen.

Althea - Rose of Sharon

(Rose of Sharon). Strong, erect growing shrubs of the easiest culture, which bear large and showy flowers in early fall. Very desirable as an ornamental hedge on account of flowering when few other shrubs are in bloom. Each, 25 cents; \$2.50 per dozen.

White and Purple Lilac

Very handsome and desirable. Each, 25 cents.

Yucca

A hardy evergreen plant with long, narrow leaves that are bright green the whole year. The flowers are creamy-white, bell-shaped, produced on long spikes 3 to 4 feet high. Fine, stately lawn plant. Good strong plants, 20 cents each; 10 for \$2.00, postpaid.

Potato Eyes By Mail

POSTPAID.

For several years we have been furnishing our customers good sound potato eyes by mail. It saves high freight and allows you to get a start of new varieties for a mere nothing. These potato eyes give the very best of satisfaction. Remember they come by mail, postpaid, and sure to grow. Try our new kinds. At a very small expense you can grow an experimental patch for exhibition. It is very interesting and profitable. 75 eyes should produce a bushel or more of good sound potatoes, any variety.

Varieties we can supply: Six Weeks, Early Ohio,



This is How we Do it.

Irish Cobbler, Rural New Yorker, Seneca Beauty, Carman No. 3, and Petoskey.

Prices Potato Eyes

12 eyes, postpaid.....	\$0.25
50 eyes, postpaid.....	.50
125 eyes, postpaid.....	1.00
250 eyes, postpaid.....	1.75
500 eyes, postpaid.....	3.25
1,000 eyes, postpaid.....	6.00





Climbing Roses

Climbing American Beauty

A grand novelty of great merit. Cross between American Beauty and an unnamed seedling; color rosy crimson, similar to its popular parent, and with the same exquisite fragrance, a quality rarely found in climbing Roses. Strong growth, making shoots 10 to 15 feet in one season, and as hardy as an oak. Flowers are from 3 to 4 inches in diameter, of fine form, and are produced in great profusion, not only in May and June, but in a fair sprinkling of flowers throughout the growing season. Price, 35 cents each; \$3.50 per dozen; strong two-year plants.

American Pillar

"Hardy as an Oak, Flowers Flaming Pink." A Rose constituted to stand the trying conditions of our American climate. Its great mass of bloom fairly covers the bush. Flowers measure three to five inches across. Color is a flaming pink, while in the center of each flower is a cluster of bright yellow stamens. Of extremely vigorous habit of growth, the bushes being clothed in lively green from earliest spring until late in the fall. Never troubled with insects. Price, 35 cents each; \$3.50 per dozen; strong two-year plants.

Additional Climbers

are Crimson Rambler, White Rambler, Yellow Rambler, Excelsa, Flower of Fairfield, Seven Sisters, Prairie Queen, and Dorothy Perkins. Price, 30 cents each; \$3.00 per dozen; strong two-year plants.

Hybrid Perpetual Roses

Price, 35 cents each; \$4.00 per dozen.

Frau Karl Druschki

The regal "White American Beauty." The distinctive form and expression of its bud, half-opened state and maturity are a three-fold revelation of exquisite charm and beauty. In our Rose Gardens, they commence blooming with the first of the June Roses, are conspicuous throughout the summer with their profusely furnished, large flowers of waxy paper-white, and yield their last armfuls only with the first snows of an early fall.

Additional Fine Hybrids

are Paul Neyron, General Jacqueminot, and J. B. Clark.

Dwarf Everblooming Crimson Rambler

THE BABY RAMBLER—Successive blooms every day from June until frost, out of doors. In pots in the house it will bloom every day of the year. Think of Roses every day from June until frost or the year around indoors. It has been known to have 120 flowers on a single panicle. This wonderful everblooming Rose has won the following prizes at the world's greatest shows: At Paris, at London, at Orleans, National Horticultural Society of France, Royal Horticultural Society of London. Price of plants, (will bloom at once) 30 cents each; \$3.00 per dozen.



Frau Karl Druschki Rose.

OUR ROSES ARE ALL FIELD-GROWN, TWO YEARS OLD, AND WILL BLOOM FREELY SOON AFTER PLANTING.



Berberis Thunbergii—Thunberg's Barberry.

Berberis - Barberry

BERBERIS THUNBERGII (Thunberg's Barberry). A most beautiful dwarf Barberry from Japan. Changing in autumn to beautiful tones of orange, scarlet, and crimson. Yellow flowers produced in early April, followed by red berries which are produced in great profusion and which last the entire winter. Leaves retained for a long time. Makes a most beautiful and conspicuous low-growing hedge, and one that is specially suited for making boundary lines. In this ever-changing habit of this variety of Barberry lies its great charm and beauty, as each day sees some new development. It fits in anywhere and everywhere and always looks fine, and at the foundation of the house or porch, along the side of walks, in front of any tall-growing shrubbery, or as an individual plant on the lawn it is always in keeping with its surroundings. It is of low, dense, horizontal growth, graceful in all its branches. A favorite shrub and is becoming more popular each season. Absolutely hardy wherever planted. Price, 25 cents each; \$2.50 per dozen, large plants. Hedge size, \$15.00 per 100. See outside cover page.

CALIFORNIA PRIVET HEDGE. One of the most beautiful plants for hedge in existence. There is no other hedge plant that will equal the California Privet for the purpose, becoming more beautiful each year. A quick, strong growing shrub, yet easy to control by use of shears or knife to any desired shape. Fine for hedges between city lots, on large rural grounds, parks, cemeteries, in single clumps with other shrubs, also as screens to outbuildings, fences, etc. Very easy to grow on all soils, even in partial shade; almost evergreen, its rich, leathery, green foliage turns to purple in winter. Each, 10 cents; \$1.00 per dozen, by mail, postpaid. By express, \$4.00 per 100. See outside cover page.

AMOUR RIVER PRIVET HEDGE. Oblong, glossy, green foliage, half evergreen; will grow to 15 feet if not trimmed. Each, 15 cents; \$1.50 per dozen; \$5.00 per 100.

Hardy Ornamental Climbing Vines

All Sent Postpaid.

AMPELOPSIS VEITCHII. 25 cents each; 5 for \$1.00.

CHINESE MATRIMONY VINE. 15 cents each; \$1.50 per dozen.

CLEMATIS (Assorted Varieties). 50 cents each, postpaid.

HONEYSUCKLE. Good plants, 25 cents; \$2.00 per dozen.

VIRGINIA CREEPER. 25 cents each; \$2.00 per dozen.

PURPLE WISTARIA. 25 cents each; \$2.00 per dozen.

CHINESE WHITE WISTARIA. Silvery white. Same price as Purple Wistaria.

CINNAMON VINE. Produces tiny white, fragrant flowers. Strong roots, 10 cents each; 3 for 25 cents.



California Privet Hedge.



Snowberries.

Snowberry

The bloom of this valuable shrub is rose colored and shows to best advantage in June; however, the prime beauty is its milk-white fruits which remain on the bush the entire winter. The combination of pink flowers and white berries on the same twig is charming. Price, 25 cents each; \$2.50 per dozen, postpaid.

Indian Currant

Similar to the Snowberry except that its fruits are red, and that the smaller red berries cluster in thick ropes along the weighed-down stems. These two companion plants should be in every collection of hardy shrubs. 25 cents each; \$2.50 per dozen.

Spirea Billardi

Pink. A narrow, dense shrub five feet high, with dense panicles of pink flowers from July on. Price, extra large, by express only, 30c each; \$3.00 per dozen.

White. Same as the pink variety except the flowers are white. Price, extra large, by express only, 30 cents each; \$3.00 per dozen.

Beautiful Evergreens

Add to the value and appearance of your property by planting a few specimen evergreens about the lawn—one or more groups or clumps in the background and a good windbreak about the barn and garden. It will pay you 500% on the investment. We offer a list of the most reliable sorts at reasonable prices.

Norway Spruce

Of lofty habit. The most largely planted and the most popular of all evergreen trees. Often employed for hedge planting, for screens and for windbreaks. Price, 50 cents each; \$5.00 per dozen.

American Arbor-Vitae

Much used for hedges and screens. Is a handsome little tree, and if allowed to grow naturally will be quite tall and pyramid-shaped. Can be trimmed and kept in any form and height. In the summer the foliage is bright green above, yellowish beneath, and when winter comes this changes to the richest tones of brown and bronze. Price, 2 to 3 ft. trees, 50 cents each; \$5.00 per dozen.

Irish Juniper

Junipers are handsome evergreens; are always neat and clean. This variety grows exceptionally slim and column-like. The branches grow almost straight up, and a 7- or 8-foot tree will not be more than a foot and a half thick. Price, 2 to 3 feet, 50 cents each; \$5.00 per dozen. Mail size, 40c each; \$4.00 per dozen, postpaid.

Red Cedar

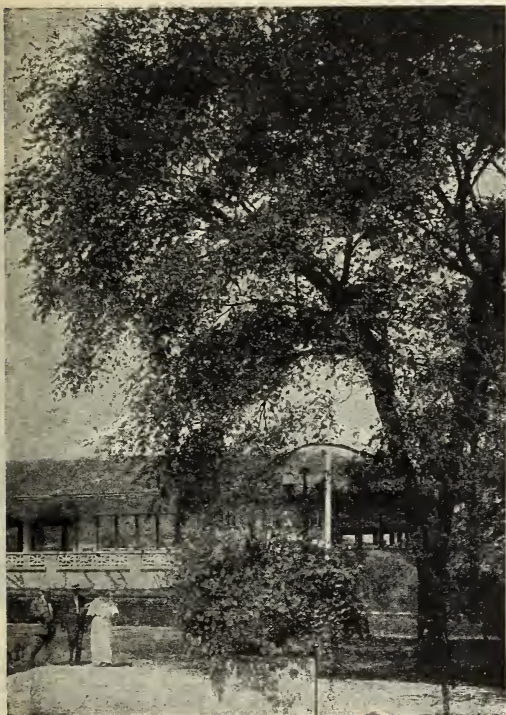
Grows over a wide scope of country and is very beautiful. It is upright in growth, forming a moderately compact head. Dark green, and can be planted in groups, hedges or specimen trees. Price, 2 to 3 ft. trees, 35 cents each; \$4.00 per dozen. Mail size, 25 cents each; \$2.50 per dozen, postpaid.

Pyramidal Arbor-Vitae

This exceedingly beautiful Arbor-Vitae is the most compact and erect of the entire species, being in form almost a counterpart of the Irish Juniper. Foliage a deep green, retaining color remarkably well through the entire season and perfectly hardy. Price, 75 cents each; \$8.00 per dozen.



American Arbor-Vitae.



American Elm.

American Elm

(*Ulmus Americana*)—This well known tree ranks among the very best for avenue or park, especially in deep or wet soil. It grows rapidly and makes tough branches, rarely being damaged by wind or snow. Its spreading head, drooping branches and stately growth, give it the name of the "Monarch of the Forest." Price, 8 to 10 feet, \$1.00 each.

Norway Maple

The Norway Maple for the lawn and street planting has perhaps no equal. It is not a rapid grower, but it makes a compact and symmetrical top with spreading branches, giving the finest of shade and protection from the sun and wind. A universal favorite among shade trees. Price, good 8 to 10 ft. trees, \$1.00 each; 10 to 12 ft., \$1.25 each.

American White Ash

A tall, broad-headed tree, reaching a height of 120 feet. A handsome, hardy, quick-growing shade tree. Very valuable in all landscape work, for park, shade or street planting. 8 to 10 ft., \$1.00 each.

Red Bud - Judas Tree

A handsome ornamental tree, growing 20 to 30 feet high. It has a broad, irregular head and perfect heart-shaped glossy leaves. Beautifully attractive in early spring when the leafless branches and twigs are covered with rosy-pink blossoms. Very beautiful and attractive planted as single specimens or in groups. Price, 4 to 5 feet, 50 cents each.

Catalpa Bungei

(Umbrella Catalpa). Grafted on stems 6 to 8 feet high, it makes an umbrella-shaped top without pruning. Perfectly hardy; and flourishes in almost all soils and climates. Leaves large, glossy, heart-shaped, deep green; lie like shingles on a roof; always making a symmetrical head. One of the most unique trees, a valuable acquisition for lawn, park, and cemetery planting. 6 to 8 feet, each, \$1.00.

Ornamental Trees

	Each
Ash, American White, 8 to 10 ft.	\$1.00
Catalpa, Speciosa, 8 to 10 feet. ....	.75
Catalpa Bungei, 2-year-old, 6 to 8 ft.	1.00
Dogwood, White Flowering, 6 to 8 ft. ....	.75
Elm, American, 8 to 10 ft.	1.00
Cut Leaf Weeping Birch, 6 to 8 ft.	1.50
White Birch, 5 to 6 ft. ....	.75
Linden, American, 6 to 8 ft. ....	.75
Maple, Ash-Leaved, 8 to 10 ft. ....	.75
Maple, Norway, 8 to 10 ft.	1.00
Maple, Sugar, 6 to 8 ft.	1.00
Mulberry, Teas' Weeping, 2-year heads.	2.00
Poplar, Carolina, 8 to 10 ft. ....	.50
Poplar, Lombard, 10 to 12 ft. ....	.50
Poplar, Volga, 8 to 10 ft. ....	.50
Horse Chestnut, 5 to 6 ft.	1.00
Bechtel's Flowering Crab	1.00
Willow, Kilmarnock, 6 to 7 ft., 2-yr. heads	1.00
Beech, Purple Leaf	1.00
Sassafras, 4 to 5 ft. ....	.25
Mulberry, Russian, 5 to 6 ft. ....	.40
Mulberry, New American ....	.50
Black Walnut, 10 ft. ....	.50
Paw Paw ....	.25
Persimmon ....	.75

Volga Poplar Quick Shade Tree

This valuable new Poplar was brought to this country from Russia by Russian Menonites who settled in northern Minnesota. In this cold country it is perfectly hardy and never shows signs of dying in the top so common in the Lombardy Poplar. Its growth somewhat resembles the Lombardy, but it is more spreading than this variety. The foliage is a beautiful glossy green, and leaves retained as long as Hard Maple, long after severe frosts. It is a strong grower, makes a symmetrical growth suitable for lawn or driveway planting; very rapid grower. Our stock is very fine, and we are making a low price on same. Fine trees, 8 to 10 ft., 50 cents each; \$5.00 per dozen.





ALL IN THE SEED.

Two Ears planted the same day, side by side, cultivated the same and under the same climatic conditions, 67 bushels more per acre, or at \$1.00 per bushel, giving a profit of \$67.00 more per acre, just because of the seed. Can you afford to plant doubtful seed this year, when a maximum crop is needed? Send us your order today. Your seed was a failure last year; now is your chance to get good reliable seed again.

Good Seed Corn

MONEY REFUNDED IF NOT SATISFACTORY UPON ARRIVAL.

Test it any way you wish for 10 days after arrival, and if not entirely satisfactory you may return it and your money will be refunded without question. Be it understood, however, that we are in no way responsible for the crop, as so much depends upon season, condition of soil, manner of planting, etc., that no one can do this. No claim considered or allowed after 10 days from arrival. This applies to all farm seeds, and the rule will be strictly adhered to.

Our Seed Corn is equal to any, we do not care where it comes from. We grow annually about 400 acres on our own seed farms and select what we sell with the same care as we select our own. Send us a trial order and increase your yield 10 to 25 bushels per acre. We have grown 125 bushels per acre from our seed corn. The quality is fine, and everyone should grow a pure strain of corn. This is the year to get a change of seed, as \$1.00 invested in good seed may mean a profit of \$10.00 to \$40.00 per acre on your entire crop next fall. \$5.00 per bushel for good sound seed only means 65 cents per acre; can you afford to plant poor seed at this price?

Leaming

The Leaming is the oldest distinct variety of corn, having been originated in 1826. Our own Standard strain is one that gives universal satisfaction over the entire Corn Belt. 100 bushels per acre is not an uncommon yield. The color is deep, rich, golden-yellow; ears very uniform and of medium to large size, well filled at butt and tip ends. Grains are deep, broad and tapering. Well set on the cob. Length of ears 8 to 11 inches, $7\frac{1}{4}$ to 8 inches in circumference, weighing 12 to 17 ounces each. Each ear has 16 to 24 rows of kernels, with but little space between rows. This is an all-around feeding corn that puts on fat, and the kind that fills your cribs each season.

"No matter who you are or where you live, if you handle live stock and raise all or part of the corn you feed, you can materially increase your profit by growing our Standard Leaming." Price, \$1.50 per peck; \$5.00 per bushel.

Red River

OR RED 90 DAY CORN.

This is a White Cap. Very early and popular in the extreme North, also used extensively to replant, as it can be planted as late as July 1st, and make a good, sound crop. If you have to replant late in the season, we know of no variety that will give you any better results than this, for it seems to have the ability to produce a crop when all others fail.

When planted early in season, it matures fully three weeks ahead of the main crop and makes early feed for hogs and dairy cows. It makes a good yield of fair-sized, sound ears. In an average season it is reasonable to expect a yield of 75 to 80 bushels per acre. The fodder is medium height, plenty of blades and stands well, having a good system of brace roots. If you want some early corn to mature, then try some of this 90 day corn and be convinced of its merits. Good sound seed stock. Price, peck, \$1.50; bushel, \$5.00. See front cover.

CLAIMS ON FARM SEEDS. We allow you ten days to test it in any way you see fit, and if at the expiration of this time it is not entirely satisfactory, return it to us promptly by freight. Send us the Bill of Lading and we will refund your money, but we do not warrant in any way, express, or implied, the contents, or the description, quality, productiveness, or any other matter of any seeds or plants sold by us, and we will not be in any way responsible for the crop. If the purchaser does not accept these goods on the above terms, he must return them at once, and money will be refunded.



A Good Pile of Cash Corn. It will yield 80 to 100 Bushels per Acre in Good Soil.

SCARFF'S CASH CORN

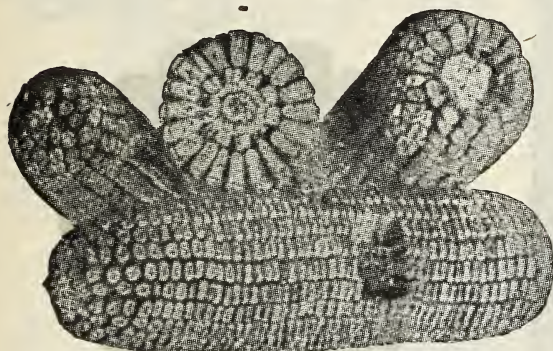
WE ARE FEEDING CASH CORN TO 500
HEAD OF CATTLE AND 700 HEAD
OF HOGS THIS WINTER OF 1918-1919.

The Best Feeding Corn Grown

We are annually feeding on our farms 300 to 350 head of stock cattle, and we can almost see them put on flesh when feeding Cash Corn. The cob is so small that they eat it greedily, and it is not necessary to shell or cut the ears for them. Our elevators and cattle feeders will pay 5 cents per bushel more for

Cash Corn than for the ordinary corn that is generally grown by farmers.

62 pounds of shelled corn per bushel, 70 pounds of ears—only 8 pounds of cobs.



Specimen Ears of Cash Corn.

Note the Deep Grain and Small Cob. Will mature in 95 to 100 Days.

It's All Corn

Early to mature and a yield of finest ears. Matures any place in the United States.

It is a new deep grained yellow corn, with the smallest cob of any yellow variety known. The ear is large, well filled at butt and tip ends, with beautifully formed deep grains. This corn is beyond doubt the best feeding corn in existence. Matures in about 100 days. Shells easy as early as September. It certainly is the ideal corn. Everyone will buy it for seed who sees it.

It is with a great deal of pride and satisfaction that we offer this valuable new Corn to our customers. We have grown it on our own farms for about ten years, and by careful selection we have it as near perfect as any corn we have ever tried. In fact, everyone who sees it at once recognizes it the ideal corn. Your money back if the seed is not satisfactory. That's fair. Try it.

We perhaps sell more Cash Seed Corn than all other varieties combined. It is not a show corn, as it varies in color and sometimes in shape of ears, but always retains the deep grains and small cob. Of all our customers to whom we have sold Cash Corn we have never had a single one object to it. It is praised by all as the finest feeding corn they ever grew.

As a special favor we ask you to try one field of this corn for your own feeding. It will surprise you how much corn it will yield and the excellent quality.

Price, \$1.50 per peck; \$5.00 per bushel. Sample Ear, 50 cents, postpaid. Per quart, postpaid, 75 cents.

All kinds of live stock thrive on this valuable corn. It has great feeding value. Everyone who plants it becomes enthusiastic over it. It ripens two weeks ahead of Reid's Yellow Dent.



Improved Early Mastodon

Will yield 100 bushels per acre on good ground and right tillage. The ears are large and well filled with deep grains that cover both tip and butt ends of the cob. It matures early and is out of the way for early seeding. This is no light yielder as are so many of the early varieties, but one of the heaviest, and if you want good, sound corn, and lots of it, then plant one field at least with our strain of Improved Early Mastodon.

It originated with the same grower as Drought Proof. The ears show two shades of color, white cap and yellow grain, although not so pronounced as the White Cap. It is valuable for main crop when a large ear and early maturity are essential. It is also very valuable for feeding stock, as the grain is not so hard as some other kinds; besides it shells a large per cent of corn from a bushel of ears. It can be planted late and still be in time to mature a crop. It is a cross between White Cap and Yellow Dent. We have an extra fine strain of seed that has been carefully selected for size of ears and early maturity for many years. Price, \$1.50 per peck; \$5.00 per bushel.

Clarage

A general favorite in North and Central Ohio, where it seems to excel all other varieties. The ears are short, cylindrical, well filled with plump, broad grains. Medium early, with few small ears or nubbins. Our stock is from prize-winning strains and pure. We recommend it to corn growers in general, as it is well worthy of a trial. A favorite at Ohio Experiment Station. Price, peck, \$1.50; \$5.00 per bushel.

Bloody Butcher

This is a good feeders' corn—the ears are of good size, usually nine to ten inches; the color of the corn varies a great deal from dapple yellow to a deep red. The ears taper slowly, 7 to 7½ inches around; about 20 rows; medium spaces; cob medium with abundant foliage, making it desirable for ensilage. A high yielder and a favorite feeding corn. Peck, \$1.50; \$5.00 per bushel.

We were fortunate to save seed stock of all our standard strains of corn spring, 1918, and can offer this year at a reasonable price good reliable seed stock that you can depend upon for your 1919 crop. We advise you to place your order early, as thousands of farmers wish to get back to reliable seed again this season.

Iowa Gold Mine

Very popular early yellow dent corn, ripening a few days earlier than Pride of the North. Ears are not large, but of good size and symmetrical; color a bright golden-yellow; grain is very deep, cob small. Seventy pounds of ear corn makes 60 pounds of shelled corn. It yields heavily and will mature in 100 days. Peck, \$1.50; \$5.00 per bushel.

"WELL PLEASED."

W. N. Scarff,
New Carlisle, Ohio.

Dear Sir: — Received shipment of seed corn and oats today and am well pleased with same.

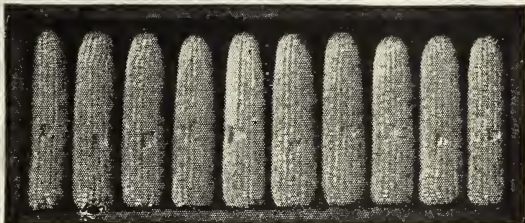
Yours truly,
ALBERT MONIER,
Pennsylvania.

IMPROVED EARLY
MASTODON

Johnson County White

The Greatest Show Corn in the World. This variety has taken more prizes than all other varieties combined. This is the corn for which we paid \$350.00 for 10 ears at the National Corn Show, at Columbus, Ohio. A single ear of this variety has won \$1,000.00 in prizes; and during the National Corn Shows at Chicago, Omaha, and Columbus this variety has won approximately \$15,000.00 in prizes. It has been bred for a long term of years by the most careful corn breeders and has fixed a type of corn that conforms so closely to the score card that few others have much chance of being winners. It breeds true to type so that Show Corn is the rule rather than the exception. To those wishing to compete for prizes at the fairs and corn shows we would strongly advise planting this variety.

The ears are cylindrical in shape, slightly tapering at the end, well filled out at both butt and tip ends, straight rows with grains close together. Corn pure white and cob same color. The ears run from 10 to 11 inches in length and about 8 inches in circumference. The stalks make a good vigorous growth, well braced with a good system of brace roots, capable of withstanding severe wind storms, as well as drought. The strain we are growing is thoroughly acclimated to our latitude, and is perfectly safe to plant in all corn growing sections except the extreme North, where only very few early sorts can be grown. The ears are very uniform and large size, with deep grains, and will yield 100 to 135 bushels per acre. It is a variety very rich in protein, hence valuable for feeding purposes, also valuable for silo, as it makes as much fodder as the regular ensilage Corn and so much larger proportion of ears, hence a much richer ensilage.



These 10 Ears Cost Us \$350.00.
10 Ears of Prize Winning Johnson County White.

"MONEY BACK MANY TIMES."
W. N. Scarff:—I think the Johnson County White Corn purchased from you is the finest corn I ever saw. I gave it fair cultivation and have a fine lot of seed corn. I have my money back many times, etc.
BURGESS WRIGHT, Ky.

THE BEST HE EVER SAW.

The peck of Johnson County White purchased from you made a great growth. It made 107 bushels on a little over one acre of ground. The stalks grew 12 to 14 feet high. It yielded the most corn of any I ever planted.
E. J. CAREY, New York.

OVER 100 BUSHELS PER ACRE.

The Johnson County White Corn you sent me grew ears measuring 10 inches long. I have some good corn of my own, but I can say that the Johnson County White is the best I ever saw, etc.

RUFUS D. HARRISON, Maryland.

A GOOD REPORT FROM OUR JOHNSON COUNTY WHITE SEED CORN.

"Won two first prizes at the Clyde Corn Show with Johnson County White grown from your seed. First on 10 ears White Corn, also first on champion ear, etc."

JAMES A. ERNSBERGER, Ohio.

WINS IN EVERY SHOW.

Mr. W. N. Scarff,

Dear Sir:—Two years ago I bought 3000 berry plants from you and you sent me a sample of corn called Johnson Co. White. I planted it, and last year had enough seed to plant quite a patch, and it certainly is a great corn. At the Bremen Corn and Poultry Show I won a \$20.00 silver cup on 10 best ears, and at Johnstown, O., Corn and Poultry Show won a silver cup on 10 best ears. Johnson Co. White wins wherever you show.

H. D. RUFF, Fairfield Co., O.

"BOY GOES TO WASHINGTON."

Yield of 105½ Bushels.

W. N. Scarff:

My boy, aged 15 years, decided to enter the boys' contest. I gave him a part of your Johnson Co. seed, which he did not get planted until June 5th. The summer was unusually dry. A frost the latter part of September injured a part of his acre. However, when the acre was husked under the supervision of the judges and measured and shelled and weighed, he had 108¾ bushels of shelled corn, the highest official yield in Sandusky County. Had it been planted several weeks earlier and a favorable season, it would have been at least 140 bushels.

FRANK H. GUFFEY,

Sandusky, Ohio.

"Birds Eye Farms."



A Basketful of Ears Grown from the 10 National Sweepstakes Ears.

THE VARIETY THAT SENDS OUR BOYS TO WASHINGTON.

Fine Seed Stock, quart, postpaid, 60 cents; Fancy Ear, \$1.00, postpaid; \$1.50 per peck; \$5.00 per bushel.



SCARFF'S Ensilage Corn

**A Good Well Filled Silo
Means Farm Insurance**

The silo is a fixture on the farm and has come to stay. No matter whether you feed for milk or for beef you must have a silo. It is past the experimental stage. It is actual insurance for the farmer and is the best insurance policy he can hold. It insures against drought and short pasture in the latter part of the season and if your pasture burns up a well filled silo will keep up the milk supply equal to the finest grass and put on pounds of beef equally as well.

The next important thing to consider is, "The best ensilage corn to fill the silo." You want first to plant a variety of corn that will make a great tonnage. You want also to plant a variety that will ripen sufficiently to make good solid ensilage with plenty of body to it. You also want a variety that furnishes an abundance of grain so it is rich and will put on pounds if needed for that purpose or both keep the dairy cow in good flesh and at the same time keep up a good flow of milk. We have selected a number of varieties that will give splendid satisfaction.

Conners Prolific Ensilage Corn

YIELDS TWO TO SIX EARS ON EACH STALK.

The wonderful new variety of corn that has startled the corn growing people throughout the entire Corn Belt. 150 bushels per acre being no uncommon yield. Investigated and endorsed by the Agricultural Press.

DESCRIPTION. The color of the grain is white; the average length of the ears is $8\frac{1}{2}$ inches, and each stalk bears from 2 to 6 ears. The stalks range in height from 12 to 14 feet, according to season and fertility of the soil.

YIELD. The seed from which our stock is being sold yielded 150 bushels of corn to the acre, and no fertilizer of any kind was applied to the land.

In every test the yield of the new variety has been at least twice that of the old standard varieties of the Corn Belt. There is no reason why the yield will not reach 200 bushels per acre with proper development. Six ears to the stalk are not uncommon, and only in a few cases will it yield less than two to the stalk. Three and four ears is the general run.

A WONDERFUL CORN FOR THE SILO. Beyond doubt this is the best ensilage corn that can be planted if rich ensilage is desired, as there are so many ears on each stalk. Also a great tonnage.

PRICE OF CONNERS CORN—Sample packet, 15 cents; quart, 60 cents, parcels post, prepaid. By freight or express, not prepaid, peck, \$1.75; half bushel, \$3.50; bushel, \$6.00. Shelled only.

Eureka Ensilage

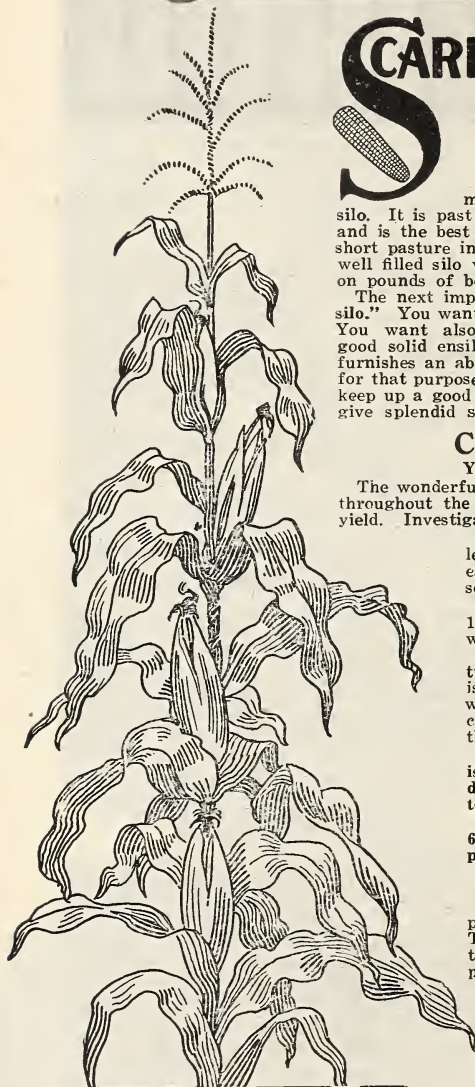
This is a favorite ensilage corn with many growers, as it produces an extra large tonnage, as much as 20 tons per acre. The stalks are large, with plenty of blades, and a good proportion of grain. Many stalks produce two good sized ears. Price, peck, \$1.50; \$5.00 per bushel.

Red Cob Ensilage

A pure white corn, cropping as high as 25 tons of fodder per acre. Sweet, tender and juicy. More nourishment than any other variety. Short joints, abundance of leaves and of tall growth. For the silo only. Peck, \$1.50; bushel, \$5.00. Shelled only.

Johnson County White Ensilage

See page 33 for full description of this great corn. Farmers everywhere are realizing the great value of our ensilage strain that we are furnishing and it becomes more popular each year. The amount of tonnage that this corn produces per acre is really marvelous. Price, peck, \$1.50; bushel, \$5.00. Shelled or ear.



Specimen Stalk of
CONNER'S PROLIFIC
Produces two to six ears
to each stalk

SCARFF'S NEW SIBERIAN OATS

Big Money In Oats

If you can get a yield of 75 to 100 bushels of oats it will prove a very profitable crop, and it requires only 100 to 120 days to realize a cash value for it. This is a point to take into consideration if you are in need of ready money to carry on the operation of the farm.

We have a large crop of this great Oats and can furnish in any reasonable quantity. Although the market price of oats is much higher this year than last, yet we are able to offer you the Siberian at the same price as last year.

In comparison with other varieties the Siberian again leads in great yield among the farmers in our community and on our own seed farms. 75 to 100 bushels is no uncommon yield.

Siberian Oats

First came to Ohio from the Ontario Experiment Station to the Ohio Station at Wooster, and through a series of tests at our station covering a period of eleven years, it stands at the head of the list for yield. The Siberian is a white oats, running slightly to yellow. The straw is sufficiently strong to stand well, and the heads are large, strong, compact, and filled with good plump grains. It shows great hardiness, and no doubt will be eagerly sought after by farmers as soon as its great yielding qualities are known.

At the Ohio Experiment Station, Siberian has made the highest yield of all varieties for 13 years. This record should put it in a class that every farmer would sow at least one field of Siberian.

Price, per peck, 40 cents; \$1.25 per bushel.

Regenerated Swedish Select Oats

We have been growing the Swedish Select and Siberian Oats to the exclusion of all other varieties for several years. We find these superior to other varieties we have ever grown. It's the perfection food for cattle and hogs. We obtained 500 bushels seed stock of the genuine Garton Strain of Swedish Select, and now have the finest and best crop of Seed Oats in the country to offer to our customers for 1919.

The heaviest yielding Oats in the United States.

Among the earliest to ripen. The stiffest straw of any Oats grown. Our stock is bright and clean. 60 to 90 bushels per acre is no uncommon yield. Try at least ten bushels. We find this new Regenerated variety to be a most wonderful Oats, and the claims made by the Agricultural Department are not too strong. At a test by the Wisconsin Agricultural College, the Swedish Select proved the most satisfactory of 36 varieties tested. The yield is simply enormous, and they weigh from 38 to 40 pounds per measured bushel. The straw is stiff, coarse, and is noted for its power to withstand lodging. The grains are large, plump, and thick, with good, long, well-filled heads. The plant makes a good growth, and develops a splendid root system, making it one of the best drought resisters in dry seasons. It is among the earliest to ripen, and succeeds throughout the entire country. Every farmer receiving our catalog should try at least a few bushels of this variety. Price, 40 cents per peck; \$1.25 per bushel.

Burt or Ninety-Day Oats

The Quickest Growing, Most Prolific, and Surest Cropping of Spring Oats.

For a Spring Oats for seeding in March and April, the Burt is unquestionably the best and surest yielding of Spring Oats; the advantages claimed for it being that it is earlier to mature, free from rust, healthy, clean and vigorous growth of straw, and makes a remarkable yield of clean, bright, heavy grain. On account of its earliness to mature it is a valuable nurse crop for sowing alfalfa, clover or other grass crops. It is harvested before it injures the spring grass seeding. This is a general favorite for an abundance of choice early feed. Price, 40 cents per peck; \$1.25 per bushel.

March 5, 1918.

W. N. Scarff & Sons, New Carlisle, Ohio,

Dear Sirs:—I was greatly pleased with your seed oats that I received last spring. My yield was 80 bushels per acre.

WILLIS A. GIBBS, Ohio.



New Siberian Oats outyield all other varieties at the Ohio Experiment Station in 11 Years Test.



Beardless Barley

This is a great stock food and fat producer. Is best egg producing food known. Sow early as possible in spring. Straw about the height of common barley, but is better, and will stand up on any land; with good land and season has produced 80 bushels per acre. Sow as early as you can; frost does not hurt it. Many will not grow barley on account of the long, harsh beards which are so disagreeable in threshing, although it is a profitable crop. This is beardless and easy to grow and handle as oats. It has hulls like the Manshury or any other variety, and is a heavy cropper, yielding 50 to 75 bushels per acre, and the quality is excellent, both for maturing and for feeding hogs and other stock. Try it for your poultry. Price, per peck, 75 cents; \$2.25 per bushel.

Wisconsin Pedigreed Spring Barley

The best of the bearded spring varieties of Barley. It has won more prizes than all other varieties combined. The average yield in Wisconsin for the last five years has been $36\frac{1}{2}$ bushels. It has a plump grain, stiff straw, large, well filled heads. It has won prizes at all International Shows of recent years. Ours is genuine Pedigree No. 5 Oderbrucker strain. Price, 75 cents per peck; \$2.00 per bushel.

Nurse Crop for Alfalfa

The Spring Barley, including Beardless, White Hulless and Wisconsin Pedigree, all make finest nurse crops to sow in spring with alfalfa. They are harvested early and this gives alfalfa a fine chance to grow after harvest.

White Hulless Barley

No Beards or Hulls. Great for Feed. White Hulless is different from any other barley. The grain looks like wheat. It is almost as heavy as wheat, equal to wheat in feeding value, and will yield nearly twice as much. It succeeds in all barley growing regions, and also in sections where common barley is not grown at all. It is very early, thus making a splendid nurse crop for seeding with clover; it is entirely beardless, with soft straw, splendid for feed. Many farmers cut it for a hay crop. It yields as high as 60 bushels per acre, and specially fine for poultry and for grinding for hogs.

Price, 80 cents per peck; \$3.00 per bushel.

Velvet Beans

A Famous New Forage and Soil Improving Plant. Velvet Beans are pronounced by experienced agriculturists of greatest value; the vines and beans make most nutritious feed, and as they make a most rapid growth, are destined to become universally popular. The vines and roots are rich in nitrogen, making a most valuable soil improving crop, and they produce enormous crops for forage or soil improving. They do not mature seeds, except in extreme Southern latitudes. Plant in May or June at the rate of one and one-half pecks to acre, in drills five feet apart. They soon make a healthy growth, completely covering the ground with a mass of vines. Peck, \$2.00; bushel, \$7.50.

Lawn Grass

Many of the most expensive grasses are used in this mixture. It is not possible to put up a high grade reliable Lawn Grass without using the finest bladed grasses in liberal proportions. Results will be surest if lawns are sown either very early in the spring or in early fall. One pound of seed will sow 300 square feet. Price, 35c per lb.; 10 lbs. or more, 30c per lb. If by mail, add 8c per lb.



Spring Wheat

We are just awakening to the fact that we can grow Spring Wheat successfully over a large territory which was supposed to grow fall wheat only, but larger yields in many cases have been obtained from the Spring Wheat than from the fall seedings. The whole world needs wheat as never before, and if you have any spare land then by all means try sowing to Spring Wheat and help to save the millions of starving people of the Eastern World. The government guarantees the price for 1919, so you run no risk whatever in sowing every acre possible.

Marquis Spring Wheat

This is the King of Spring varieties of Wheat. It is 10 days earlier and yields more per acre than other types. It is a heavy yielder and does well almost any place in the United States.

Price, 90 cents per peck; \$3.25 per bushel, bags free. If bags furnished by P. P., \$3.00 per bushel.

Speltz or Emmer

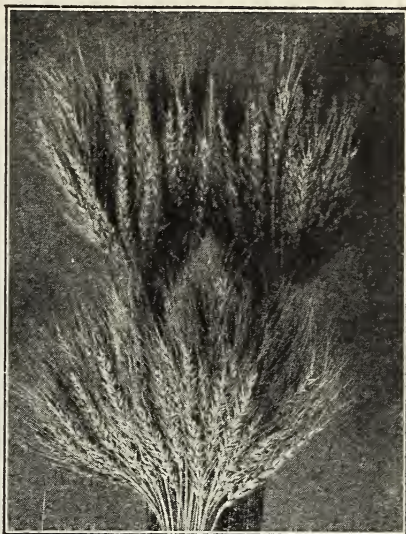
The Great Russian Grain. It has such a stiff straw that it stands up well when oats and barley lodge. It makes a well-balanced feed for horses, cattle or hogs, as the large hull gives it the lightness of oats, while the double kernel furnishes a rich meal much like ground rye feed. Prof. Wilson, of the S. D. Ex. Station, in a careful experiment with feeding calves, found Speltz worth 40 per cent more than corn, pound for pound.

Good for pasture; fattens in the green state; a heavy stooler, and will outyield any other grain on earth. It's the perfection food for cattle; hogs squeal for it; cows will leave other food for it; sheep delight and fatten on it, and poultry relish the grain. Speltz will produce three times the value of wheat or oats. Speltz is a combination of rye, wheat and barley, but resembles barley more than any other grain. Prices, packet, 10 cents, postpaid; lb., 25 cents, postpaid; peck, 75 cents; bushel, \$2.50.

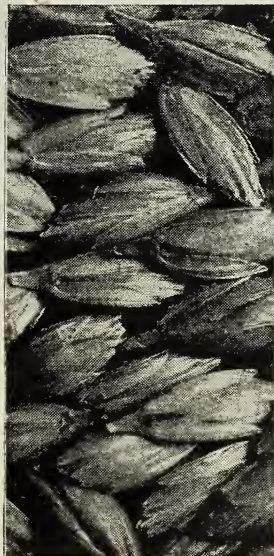
Hairy Vetch or Sand Vetch

Sometimes called Winter or Sand Vetch. This is one of the best annuals grown for stock feed, soil improving purposes, and as a cover crop in orchards. If used as a soiling crop, an acre of Vetch seeded with oats, rye or winter wheat, will yield six to eight tons of green fodder, which is readily eaten by all kinds of stock.

Vetch will succeed on poor soil, but does much better on rich soil, when it will grow to a height of 4 to 5 feet. In seeding, we advise sowing $\frac{1}{2}$ bushel of rye per acre along with the Vetch. This acts as a support and holds the Vetch up otherwise it will trail on the ground. It is the earliest legume known and furnishes an abundance of early feed long before other spring crops are ready to use as pasture or hay. Vetch is very nutritious, and is eaten greedily by all kinds of stock, and can be fed with perfect safety. Price, \$3.50 per peck; \$13.50 per bushel



Marquis Spring Wheat.



Speltz or Emmer.

Buckwheat

A valuable crop for soil improving, production of grain, and largely used for sowing for bees. The yield of grain is 15 to 25 bushels per acre, and can be used for grinding for buckwheat flour, or the whole grain is splendid for poultry and hog feed, being very fattening.

JAPANESE—One of the best sorts, with large grain, and produces a much larger yield than the common Buckwheat. Peck, \$1.25; bushel, \$4.00.

SILVER HULL—An improved sort. Grain about the size of the common Buckwheat, but much better filled and larger yielding. Peck, \$1.25; bushel, \$4.00.

OTHER VALUABLE SEED FOR THE FARM

	Peck	Bushel
Crimson Clover	\$3.50	\$13.00
Millet	1.00	3.50
Hungarian	1.00	3.50
Kaffir Corn	1.00	3.50
Canada Field Peas	1.75	6.00
Cow Peas	1.50	5.00
	Per lb. 100 lbs.	
Mammoth Russian Sunflower	\$0.20	\$15.00
White Sweet Clover .....	.30	25.00
Yellow Sweet Clover .....	.25	18.00
Red Top .....	.30	25.00
Kentucky Blue Grass .....	.25	20.00
Orchard Grass .....	.30	25.00
Lawn Grass .....	.30	25.00
Broom Corn .....	.25	15.00

If wanted by mail, add 8c per lb. for postage.

Alfalfa

The most valuable farm crop of the present time. It will yield greater returns for the labor expended than any other crop grown. Alfalfa nourishes the soil. The acreage devoted to Alfalfa has increased wonderfully in the past few years, and it appears that there will be an equally rapid increase throughout the Eastern and Central States during the coming years. Alfalfa is grown as easily as clover, and produces double the yield. It thrives on a very wide range of soils. Failure to grow Alfalfa successfully is often due to lack of knowledge of the plant rather than to soil conditions. Every farmer in the country should have a field of this profitable crop.

Alfalfa may be cut three to five times a year, and it will yield three to six tons of hay per acre. It is rich in protein, and has a feeding value equal to that of bran. It is the most enriching crop for the ground that we have. Once a good stand is secured it will generally last for eight or ten years.

Good profits come from its use as pasture for hogs.

Price, choice seed, peck, \$4.00; bushel, \$15.00. Subject to market changes.

We will send free inoculation for Alfalfa with each order for one bushel or more.



Alfalfa is one of the most profitable farm crops for three reasons. The tonnage per acre which it produces, its value as a feeding crop, and its soil enriching properties. Alfalfa is no longer an experiment, but it has been grown under greatly varying conditions of soil and climate.



Beef Cattle on Alfalfa Field.

Timothy Seed

"PINE TREE BRAND." "It stands alone." An extra pure re-cleaned brand of Timothy Seed at moderate cost. 99 1/2% average purity test. The demand for high grade seed is increasing. Some retailers have made mistakes trying to secure trade by price instead of quality. The farmer has come to appreciate the economic value of high grade extra re-cleaned seed. It is gratifying to note the favor which "Pine Tree" Timothy has met throughout the entire grass growing country. Our Timothy Seed is the best you can buy at any price. Send for sample of our Timothy Seed and special description. Price, (subject to market changes), peck, \$1.75; \$6.00 per bushel.



Pine Tree Timothy.

Landscape Gardening Catalogue

We also issue a catalogue on Landscape Gardening. Shows how to plant a lawn and yard with proper kind of trees, shrubs, and vines. Sent free.



Dwarf Essex Rape.

Dwarf Essex Rape

Dwarf Essex Rape is a pasture plant for all kinds of live stock—sheep, cattle and swine; and is most valuable for fattening sheep. To provide an early pasture for sheep and swine, it should be sown early in spring. As it grows very rapidly, the pasture will be ready in five weeks from the time of sowing. Unlike other forage plants, rape can be sown at any time during spring and summer, so a good pasture may be had whenever it is needed. Dwarf Essex Rape will prepare sheep and hogs for market better and in less time than any other forage plant. Spring pigs can easily be brought up to 200 pounds in weight when six months old, if fed on rape.

Late in fall, when most pastures are barren, Dwarf Essex Rape yields splendid feed, as it is not injured by frost at all; and is relished so much by all stock that as long as anything is left of the plants, stock may be pastured on it. Rape can be sown with grain, using 3 pounds per acre, to provide pasture for sheep after harvest. It may also be sown in corn when this is cultivated the last time. Good results are generally obtained for late fall pasture when Dwarf Essex Rape is sown after the spring grain has been harvested. When sown broadcast, 5 to 6 pounds may be sown per acre.

Price, pound, per bushel, 25 cents; not prepaid, 10 lbs., \$2.00; 100 lbs., \$15.00.



A Field of Medium Green Soy Beans.

Soy Beans

Soy Beans are playing a very important part in agriculture at the present time. They can be grown successfully in the Corn Belt, and soil requirements are very much the same as corn. If planted in rows 30 to 36 inches apart and cultivated several times during the season, a bushel of seed will plant two or three acres, but if sown broadcast it will require about one bushel per acre. The seed is very rich in protein, and occupies the same place as cotton seed meal and oil meal in the animal ration. It is also highly prized for hay and soiling. We have found the following varieties best for sowing:

Mammoth Yellow The Mammoth Yellow produces twice the amount of forage that other varieties will, but it is much later, hence in more Northerly latitudes may not ripen all its seed although in the season just past it made a fine growth and yielded well in this vicinity. Farther south it could be depended upon to produce immense crops of both forage and seed. Peck, \$1.75; bushel, \$6.00.

Medium Green Soy This is probably the best variety for this section of the country, although it does not produce as much forage as the Mammoth Yellow. It makes an exceptionally uniform growth; has good foliage, which it holds up well to the time the seed is maturing, and it yields a splendid crop of seed. Peck, \$1.75; bushel, \$6.00.



Columbian Mammoth White.

GARDEN ROOTS

NO GARDEN COMPLETE WITHOUT THEM. A FINE COLLECTION. NO OTHER PAGE IN OUR CATALOG OFFERS MORE FOR THE MONEY

ASPARAGUS

Colored Leaflet on Asparagus Culture Free.

A deep, rich soil is indispensable to secure large, heavy, stalks. Plant in rows four feet apart, with the plant three feet distant. Set so that the crowns are about an inch below the surface. Top-dress annually in the fall with stable manure and fork under in the spring.

Columbian Mammoth White A distinct variety of mammoth size, great yield, and superior quality; remarkable for the clear whiteness of its stalks, which retain their purity and color until several inches above the surface. Price, 50 cents per dozen, postpaid; \$1.00 per 100; \$6.00 per 1,000 by express or freight.

Other Varieties GIANT ARGENTEUIL, PALMETTO, CON-OVER'S COLOSSAL AND BARR'S MAMMOTH. The standard market sorts; all green and tender. Price, 50 cents per dozen, postpaid; \$1.00 per 100; \$6.00 per 1,000, by express or freight.

SARFF'S CHOICE RHUBARB

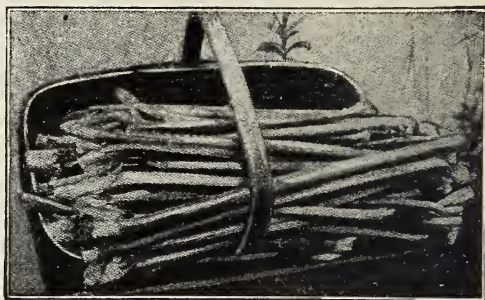


COLORED LEAFLET ON RHUBARB CULTURE FREE.

People are just beginning to realize the great profit in the culture of Rhubarb in the open field, also as a forcing crop for winter. It yields enormous profits. Anyone can succeed, as the culture is very simple.

Linnaeus Large, early, tender and fine. The very best of all. 10 cents each; \$1.00 per dozen, postpaid; \$5.00 per 100; \$30.00 per 1,000, by freight or express.

Queen Strong, vigorous grower, producing extra large stalks of finest quality, of a decided pink color. For canning or cooking in any way its quality is unsurpassed. Price of good roots, 10 cents each; \$1.00 per dozen, postpaid; \$5.00 per 100; \$30.00 per 1,000 by freight or express.



Linnaeus Rhubarb.



Horseradish

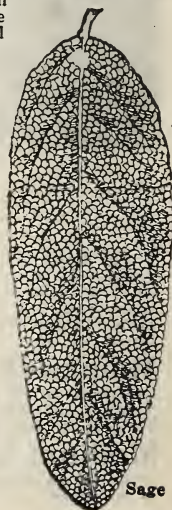
SARFF'S Money Maker HORSE RADISH

This new variety makes an enormous yield and is so early that it can be marketed before the common kind is ready; besides the roots are much larger and whiter. The roots sell in market at 5 to 10 cents per pound, and yield as high as 8,000 pounds per acre. It requires about 10,000 sets for an acre, and the crop is ready for the market the first year. It is easy to grow; every plant will live. Net profit, \$300.00 to \$600.00 per acre. Try at least 1,000 sets if you cannot plant an acre. It is ready sale in any of the large cities. Price of good roots, 50 cents per dozen, postpaid; \$1.50 per 100, by express; \$12.00 per 1,000.

Common Horseradish This useful condiment is easily grown, and prefers a rich, moist loam. Price, 40 cents per dozen; \$1.00 per 100; \$10.00 per 1,000.

Holt's Mammoth Sage

Plants of strong growth, of unusual substance, strong flavor and of superior quality. Prefers a rich, moist loam. Price, 10 cents each; \$1.00 per dozen, postpaid. Large clumps by express, not prepaid, same price.



Sage

Hop Plants GOLDEN CLUSTER—Of rapid growth, attaining a height of 20 feet if given support, with abundant ornamental, deeply lobed foliage. Golden Cluster Hop is an exceedingly choice variety which bears large clusters of yellow-green hops in such profusion as to completely envelop the plant in late summer and autumn. Each, 15 cents; dozen, \$1.50.

NOTE—A colored plate on Rhubarb Culture, also one on Asparagus Culture, will be mailed free on application.



St. Regis
Everbearing
Red
Raspberries.

St. Regis Everbearing Red Raspberries

The Scarff strain of St. Regis is acclimated to the cold winters of the North and Northwest. We secured some of the first plants that were sent out of this new variety, and now have growing on our farm over 300,000 fine, strong, acclimated, hardy plants. These plants are guaranteed true to name, and will bear luscious fruit in immense quantities up to

severe freezing weather in October and early November. The true, genuine plants are real wonders. St. Regis is one of the most valuable Raspberries for the home garden as well as for market.

It is so firm that it will stand shipping hundreds of miles, arriving at its destination in the very best condition. It succeeds upon all soils, whether light and sandy or cold and heavy clay, and the canes are absolutely hardy, always and everywhere, so far as tested. Price of good strong plants, each, 15 cents; 12 for \$1.00, postpaid; 100 for \$3.00, by express; \$25.00 per 1,000. Special price in larger lots.



Scarff
Currants.

The Scarff Currant

The season is about the same as Fay and Cherry. In size it compares favorably with the Red Cross, which places it in the large Currant class. The bunches are compact and large. It is easy to pick and the foliage hangs well and protects the fruit from the sun, hence it hangs on the bushes in good condition a long time, and makes it a great favorite among growers. It makes a strong growth of bush, showing it is vigorous and healthy. In productiveness it will class with the heavy bearing sorts such as Wilder, Red Cross, and London Market. Price, 20c each, postpaid; \$2.25 per dozen, prepaid, or \$2.00 per dozen, by express, not prepaid.



Thunberg's Barberry

A Dwarf Barberry from Japan. This variety does not carry wheat rust and can be planted anywhere with perfect safety. Hardy, vigorous foliage, changing from green to orange, scarlet and crimson. Yields an abundance of yellow bloom in April, followed by red berries which cling through the entire winter. Price, 25 cents each; \$2.50 per dozen. See page 25.

California Privet Hedge

There is no other hedge quite so ornamental and attractive as the California Privet. Almost evergreen and a thing of beauty from the day it is planted. We have a superb stock of plants. Each, 10c; \$1.00 per dozen, postpaid. By express, \$4.00 per 100, good strong plants.

